# LT7029 TABLET PC

## ANDROID 2.3 INSTRUCTION MANUAL

Dear User,

Thank you for purchasing our product.
Before using this device, please setting the touch calibration for three times and read the instructions carefully.

## Contents:

## 1. Notice:

*Before using this device,please adjust screen touch calibration.

* This product is a high precision electronic product, do not disassemble.

* Avoid using this product in the following conditions: high and low temperature, moisture, dust, strong magnetic fields and beat,long-time exposure to sunlight.

* Please use a wet cotton or cloth wring to wipe gently on the product shell, do not use other chemical cleaning solution. This product should not be dripping or splashing water, such as glass filled with a liquid items.

* To use the headphone volume in large might cause permanent hearing damage.

* In order to avoid traffic accidents,do not cross the road, driving motor vehicle or bicycle when use headphones.

* Please only use permitted battery, charger and accessory, the other type of products would violate the warranty regulations and might be dangerous.

* Please follow the relevant local environmental regulations to deal with obsolete machines and accessories.

* When product in the course of any questions, please contact your local dealer or the company's customer service center.

* For those cause the product damage, repair or other causes of memory loss coating, the Company have no responsibility, please follow the user manual for standard operation, and timely backups.

## 2. Accessories

1* 5V 2A  Ac adapter

1* User manual

1* Earphone

1* USB cable
1* OTG cable
1* Touch pen
1* Warranty card
1* Car Charger
1*Deluxe car bag

## 3. Hardware specification

| Device hardware parameters | | |
|---|---|---|
| Processor | Telechips Tcc8902    High-performance    ARM 11 processors Frequency 1000MHz    Support hardware OpenGL 2.0    3D graphics | |
| Memory | 256MB DDR2 RAM | |
| Storage | Memory built-in 4GB    Support Micro SD card to expand memory upto 32GB | |
| Wireless | IEEE802.11b/g    wireless network | |
| USB | USB2.0 OTG high speed interface and USB1.1 | |
| Video output | HDMI 1.3 Full HD Video Output Interface Video format: AVI（H.264, DIVX, DIVX, XVID, rm, rmvb, WMV, MOV, MP4 （H.264, MPEG, DIVX, XVID), DAT（VCD), VOB（DVD), MPEG, MPG, FLV | |
| Audio | 3.5mm headphone jack High-quality stereo loud speaker Built-in microphone Headset maximum output power of 40mW Frequency response: 20Hz-20KHz SNR: greater than 90db Audio format: MP3,WMA,MP2,OGG,AAC,M4A,MA4,FLAC,APE,3GP,WAV | |
| Pictures | JPG, JPEG, GIF, BMP, PNG | |
| Screen | Size | 7.0 inch |
| | Resolution | WVGA 800*480 |
| | Color | 16 million colors |
| | Operating | Resistive single touch panel |
| Other | Size | 203 * 132 * 12mm |
| | Color | Silver back case and black screen |
| | Weight | 360g |
| | Battery | Built-in lithium polymer battery 3500AH |

## 4.Startup and shutdown

*Boot: Press and hold the power button, the system will enter the startup process, as
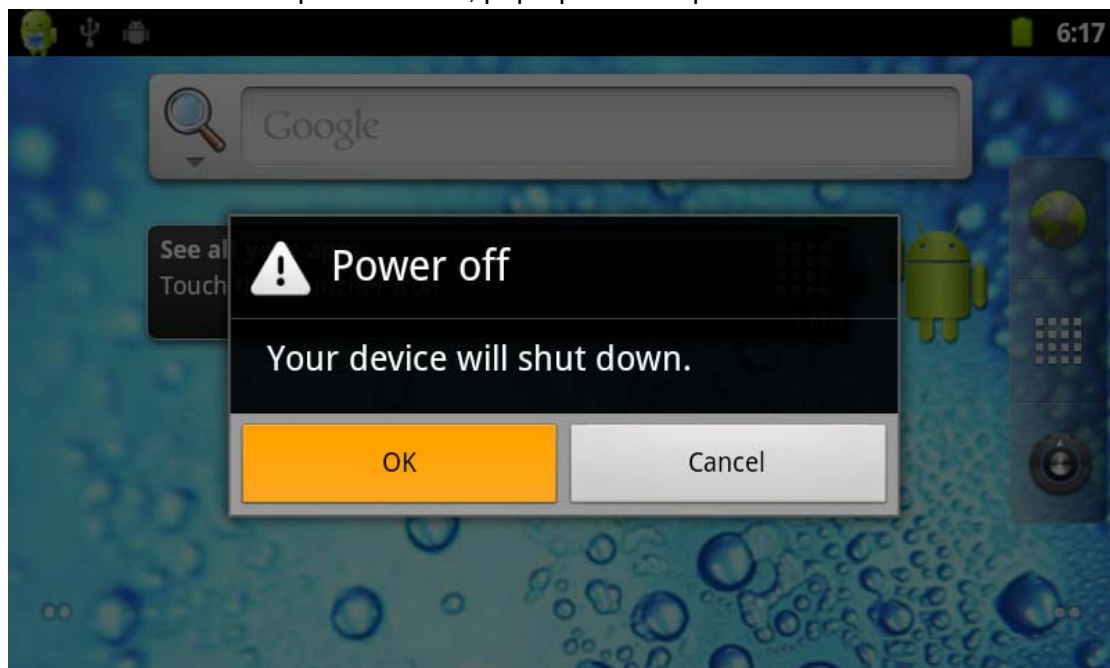
below:

Boot logo startup ...





System has been starting, entering the Android system:
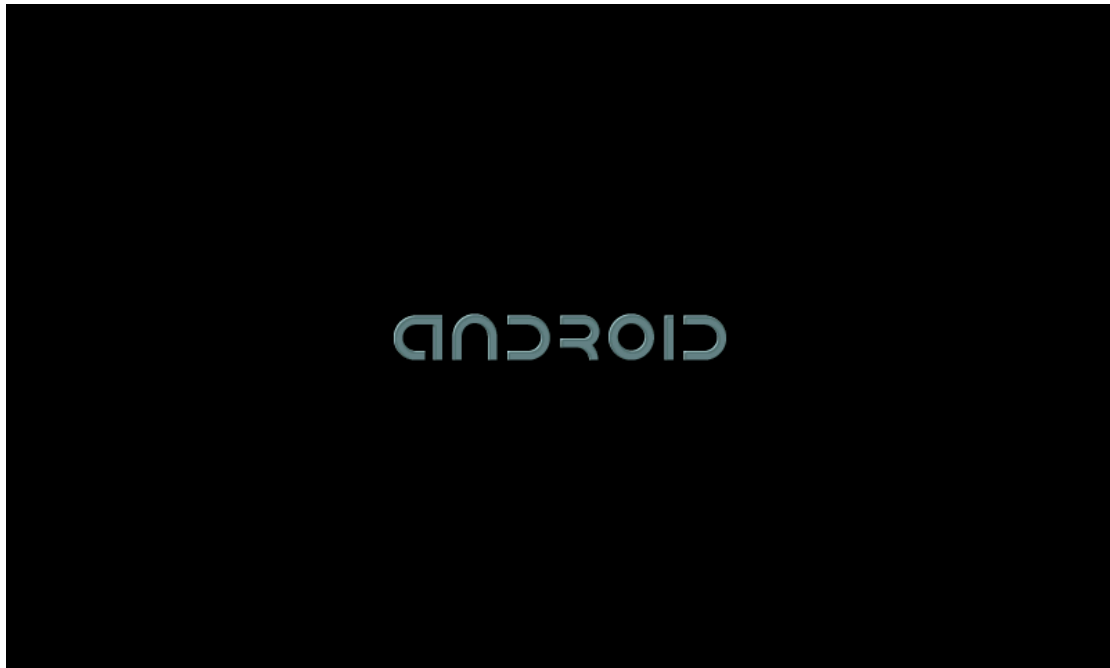
The system enter the default home interface.

*Shutdown: Press the power button, pop-up device options as below



Click OK, you can safely shut down.

*Sleep: the machine under normal operating conditions, Short press the power button, enter hibernation and screen will close. Short press the power button again and screen open, make sure unit in normal mode. In this way can reduce power consumption.

# 5.Desktop

When System finish normal starting, push up the holding-down latch,Desktop can see Android2.3(The figure).

The default desktop are: Status Bar、Quick Search Bar、Main menu label and a number of shortcut icons form.
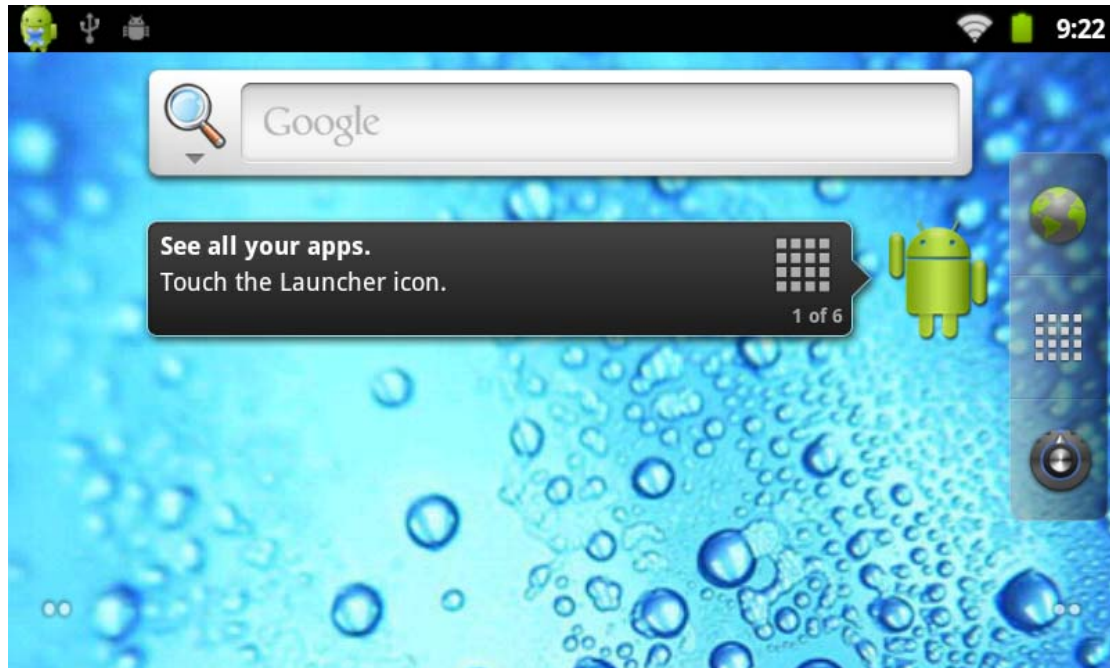


The status bar to display the current system of network status,Battery,Time information. Quick search bar for Web search by typing key words. Middle right of the screen is the main menu table stop,click or drag to the main menu bar to start the default.

## 5.1 Main Menu Operation
Press and drag the main interface of the desktop, the main menu will be from   bottom to top as below:
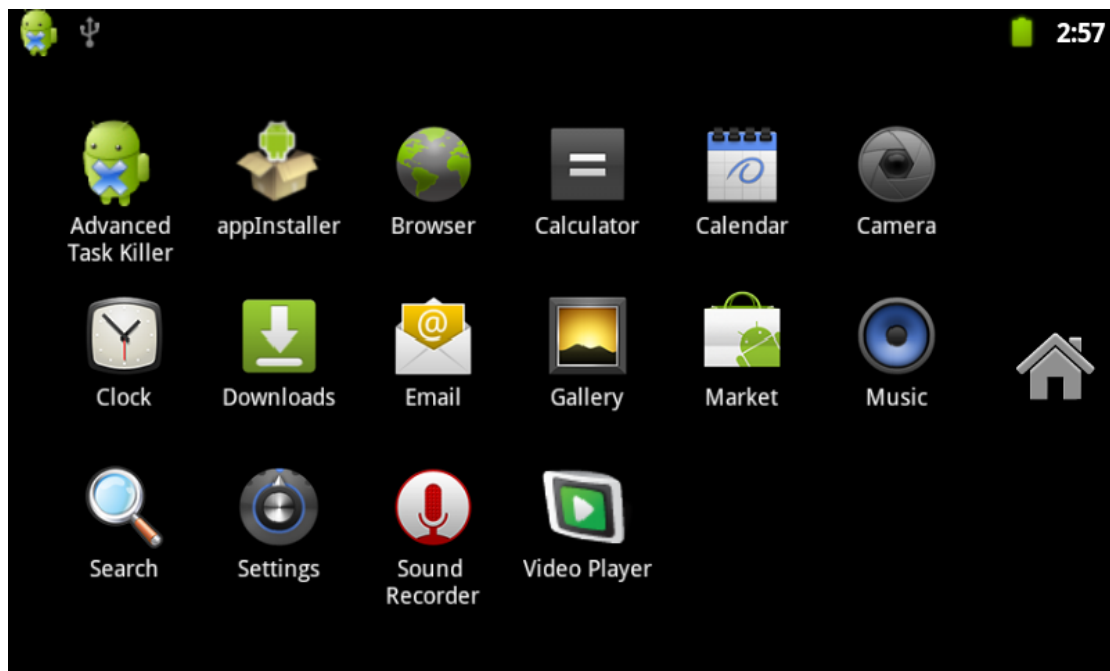
In the main menu, the system can run existing applications, install a new application, start the touch calibration, music player, video player, web browsing, games and other operations.

## 6.Button



1 - Volume + : increase volume
2 - Volume - : reduce volume
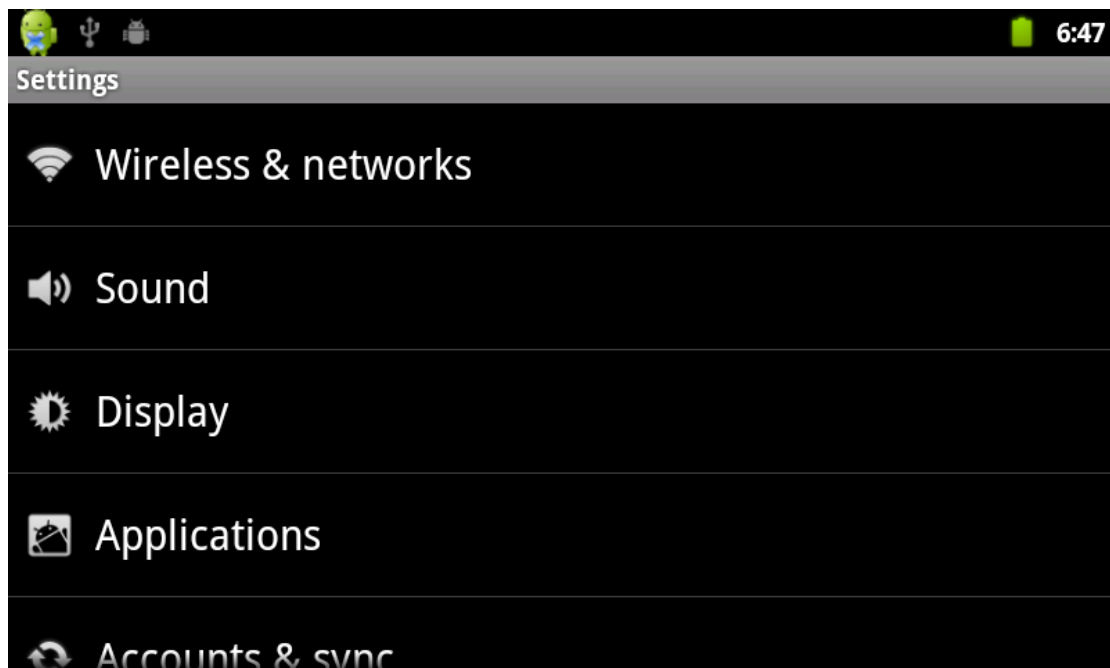3-Power key: Press and switch machines. Short press to enter or leave the hibernation.
4-Return: Return to last interface

5-Home button: Back to the home screen
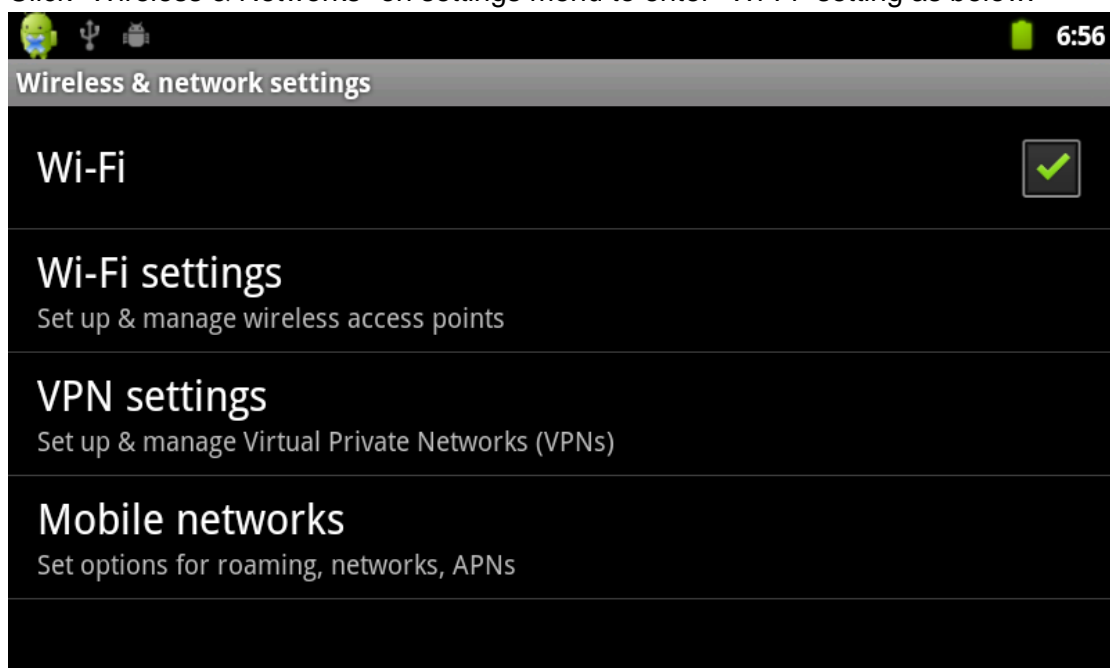
6-Menu button: Displays the current form of the menu items (if any).

# 7.System Settings

Click the "Settings" icon on the main menu interface, enter system settings interface as below:
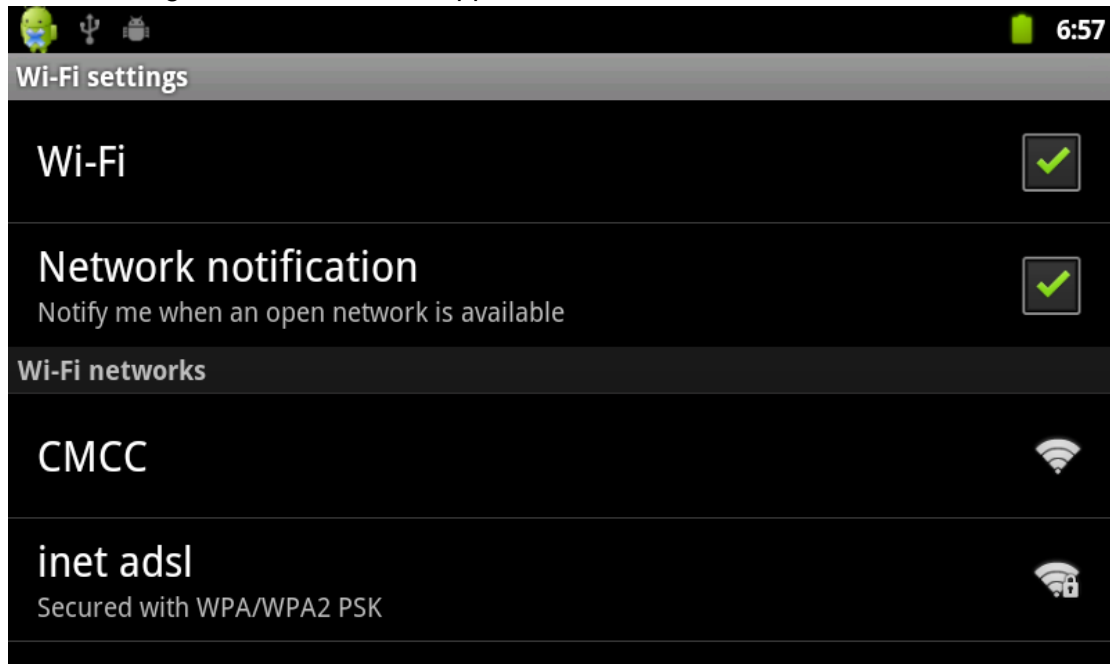


## 7.1 WIFI Wireless Connection

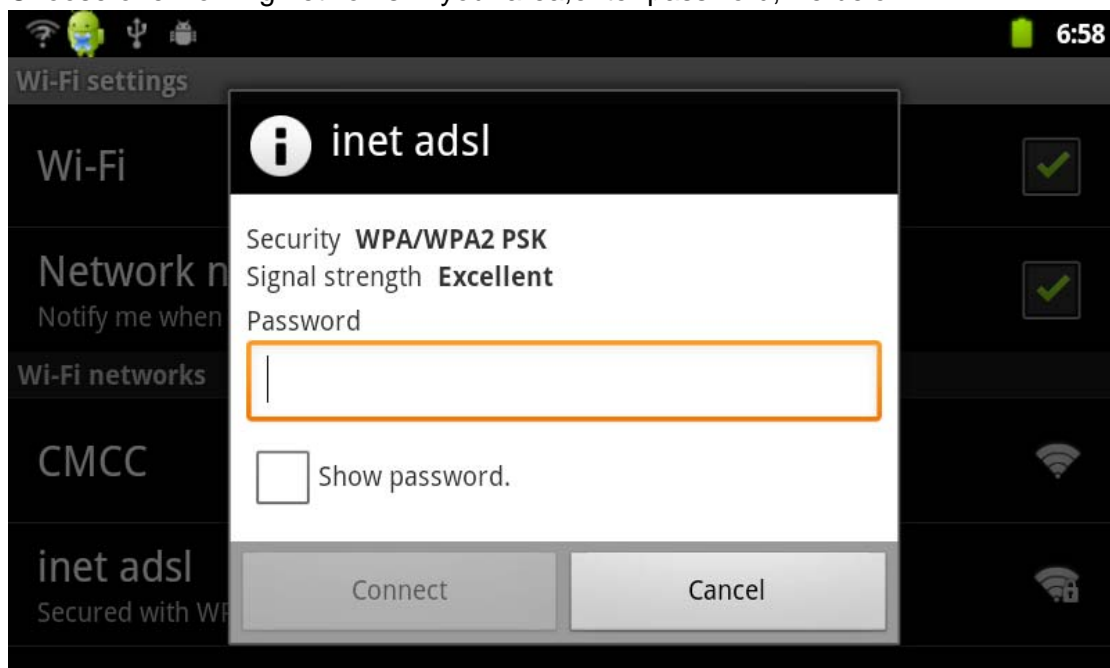Click "Wireless & Networks" on settings menu to enter "Wi-Fi" setting as below:



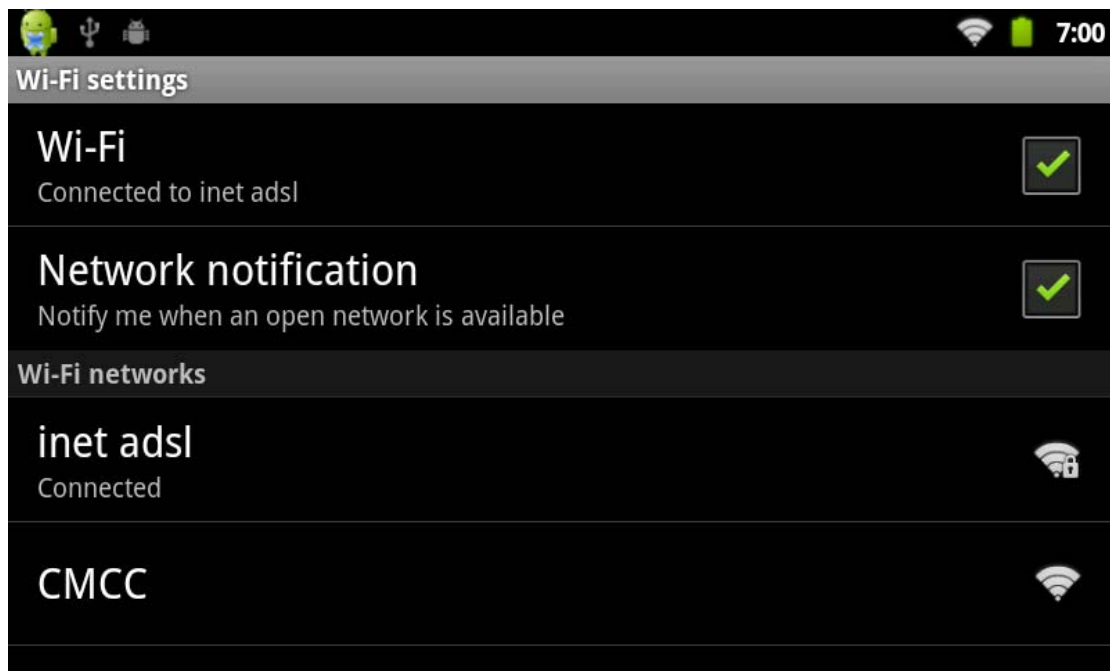click the Wi-Fi column can open or close the WIFI feature. When Wi-Fi turn on,click

"Wi-Fi settings" and interface will appear "Network notification" as below:



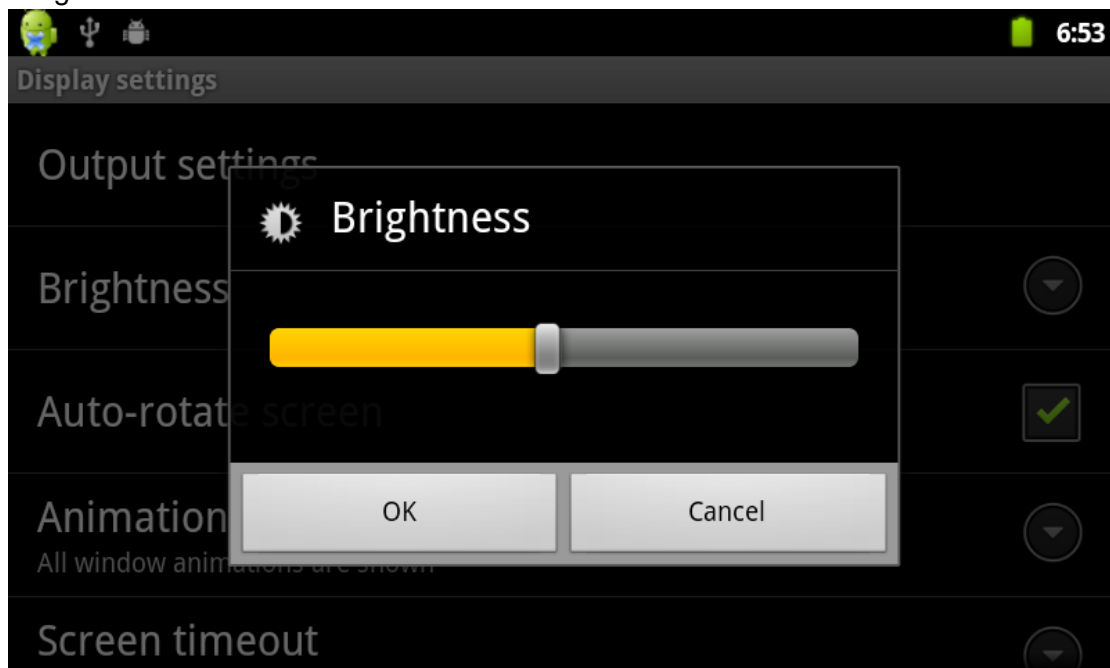Choose one working networks in your area,enter password,like below:



After input correct password and networks will appear Wi-Fi "Connected".Like below:
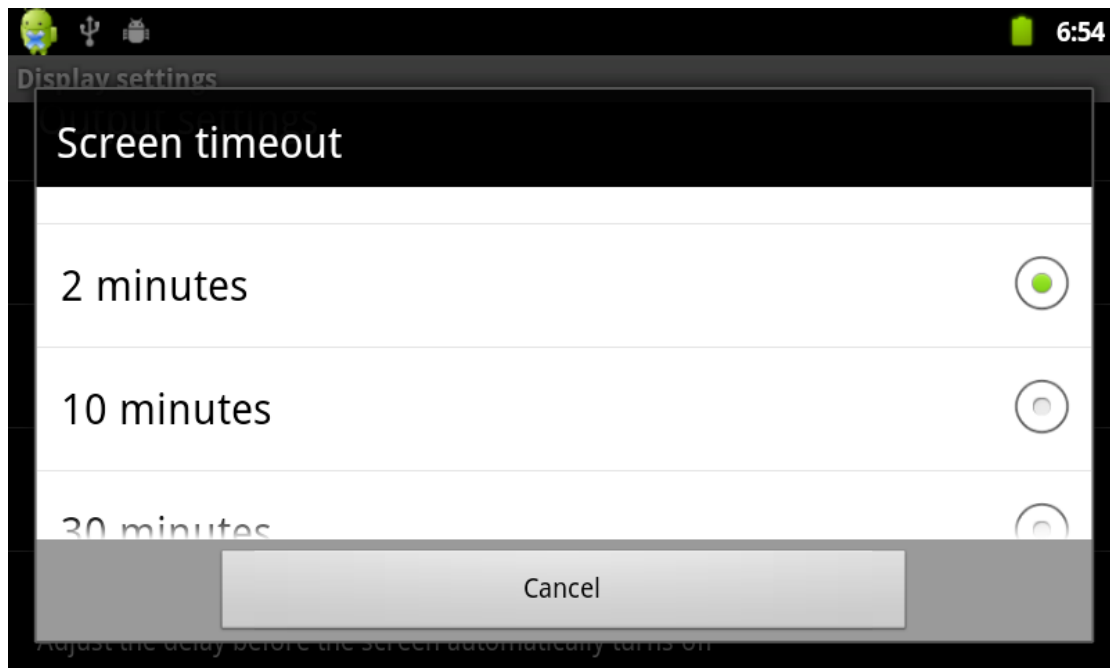
## 7.2 Display

### 7.2.1 Screen brightness

Click "Display" on settings menu, enter the display settings interface, select "Brightness and show below:



Scroll left to reduce the brightnees,scroll right to increase the brightness,then click"OK".

## 7.2.2 Standby screen

Click "Screen timeout" on Display settings and will show as below:



Select the time and the screen will shut down automatically when unit standby.

Note: In the video mode, the screen auto-shut down is not available..

## 7.2.3 HDMI

Device supports LCD and HDMI 1080p mode. The system default at LCD.Before connecting device to HDMI equipment by HDMI cable, please default at HDMI model. Click "Display" on Settings menu and click "Output settings" will show as below:
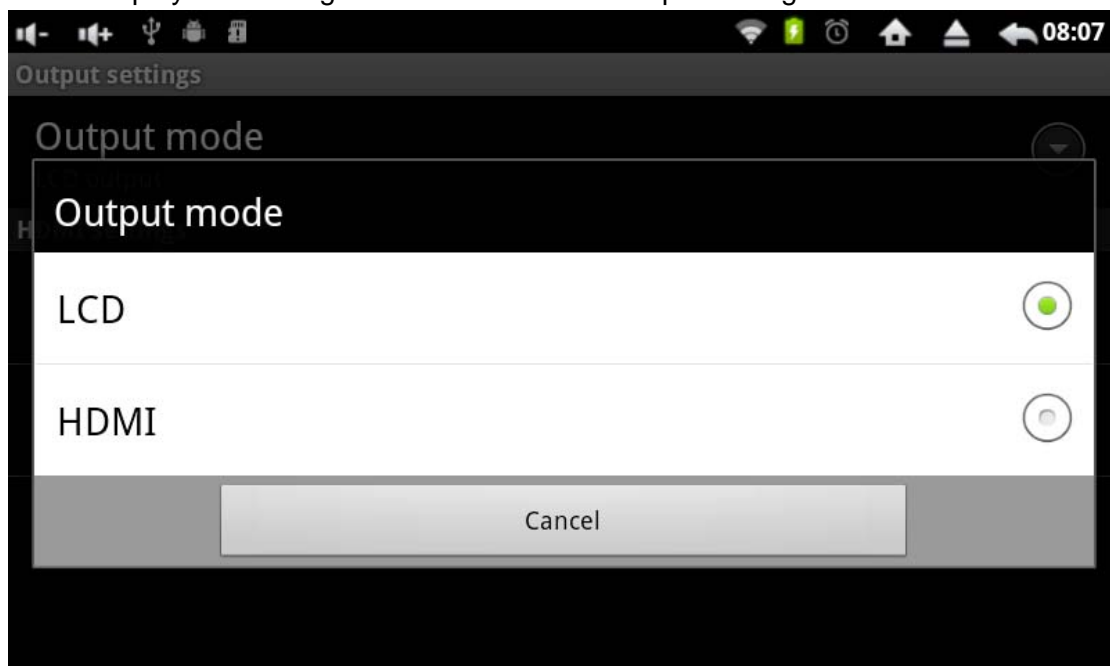


Click HDMI and device screen will show on HDMI equipment. After finishing HDMI

operation,do remember to default at LCD mode. All video files play by device should be under LCD mode.

When select HDMI output, the output format can be choosed in HDMI settings.Enter "Output    settings",select "Resolution" as below:
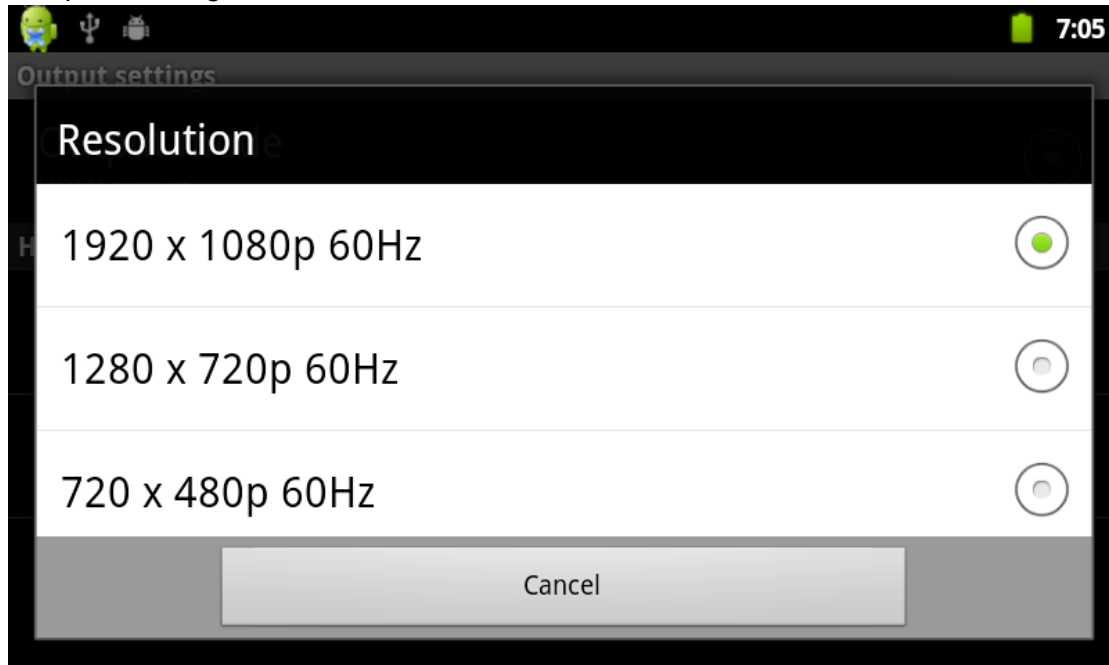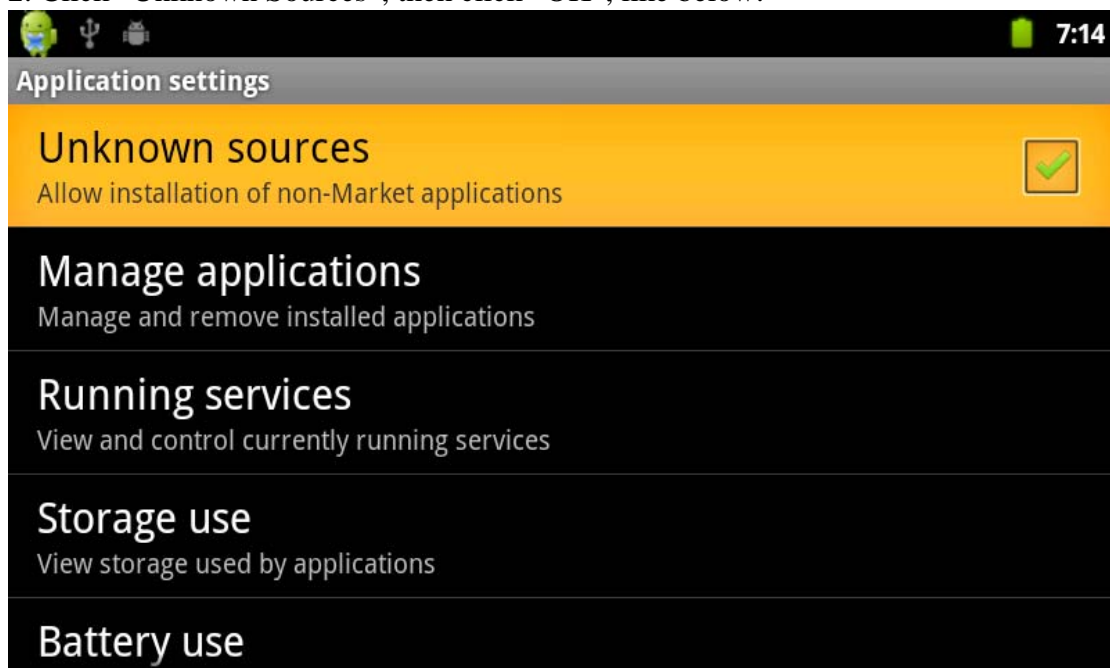


## 7.3 Applications

**7.3.1 Installation:** Android system can install the applications by variety of ways, such as USB, third-party software or google market. Below is one of installations by Appinstaller:
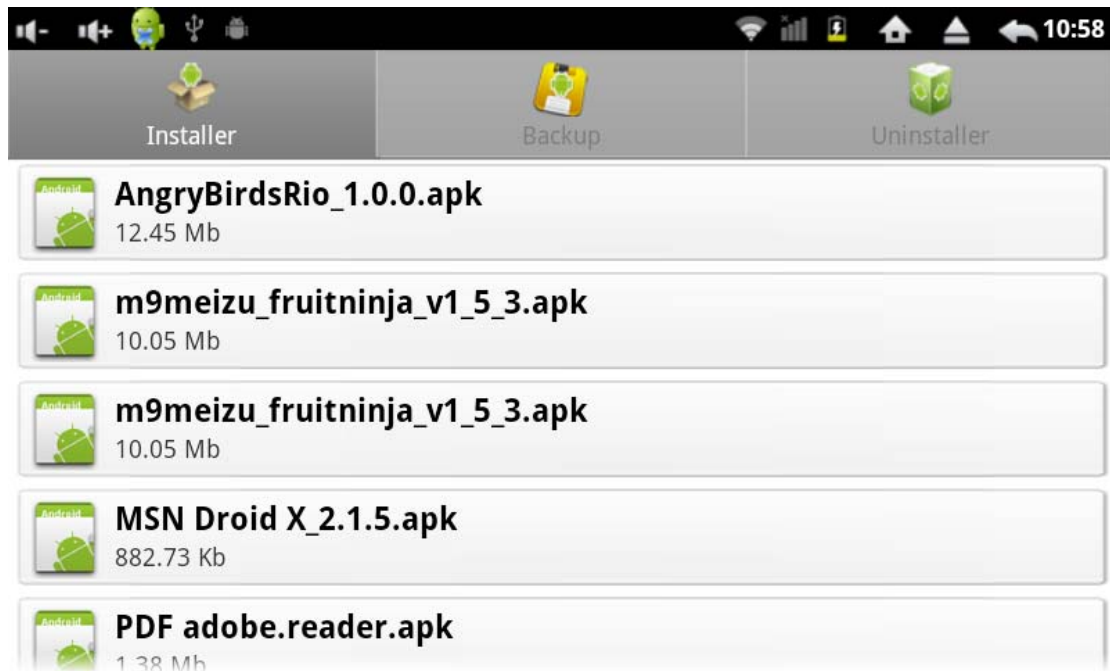
1.Click the Settings and enter Applications menu like below:
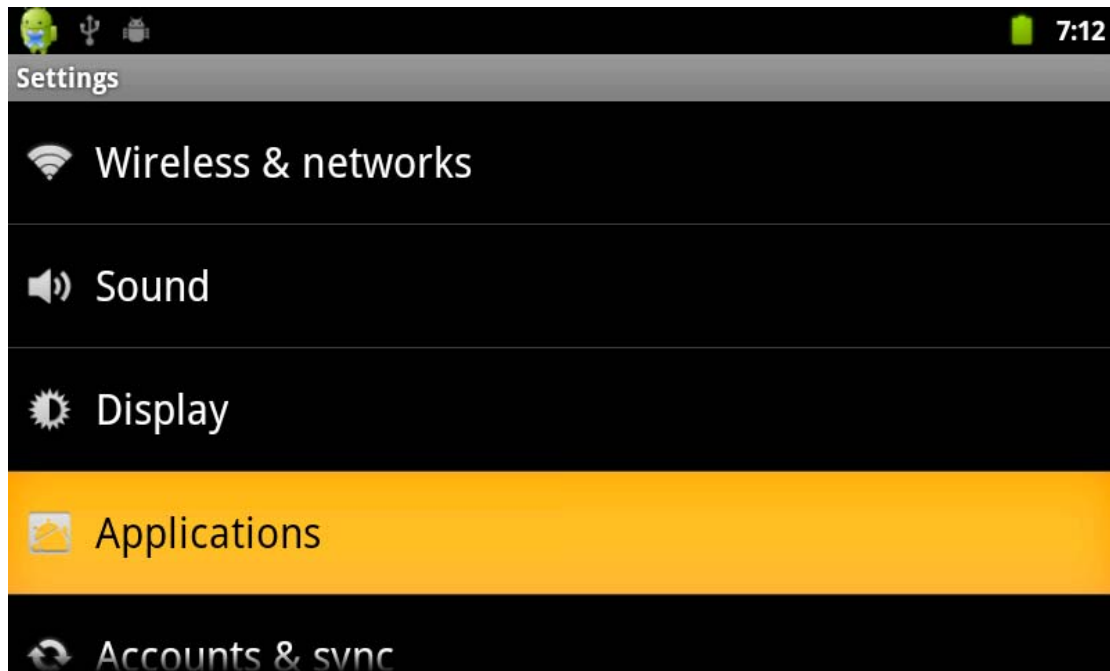
2. Click "Unknown Sources", then click "OK", like below:



3. Copy the .apk to MicroSD or Local/sdcard/ or download from market place, system will default NAND FLASH as search list. If download from market place, click "appInstaller"on main menu and check the apps in "Installer" as below:

**4.** If the.apk in microSD card or local /sdcard/,user can check the apps from "appInstaller" or change the search list to local:/sdcard/ as below:
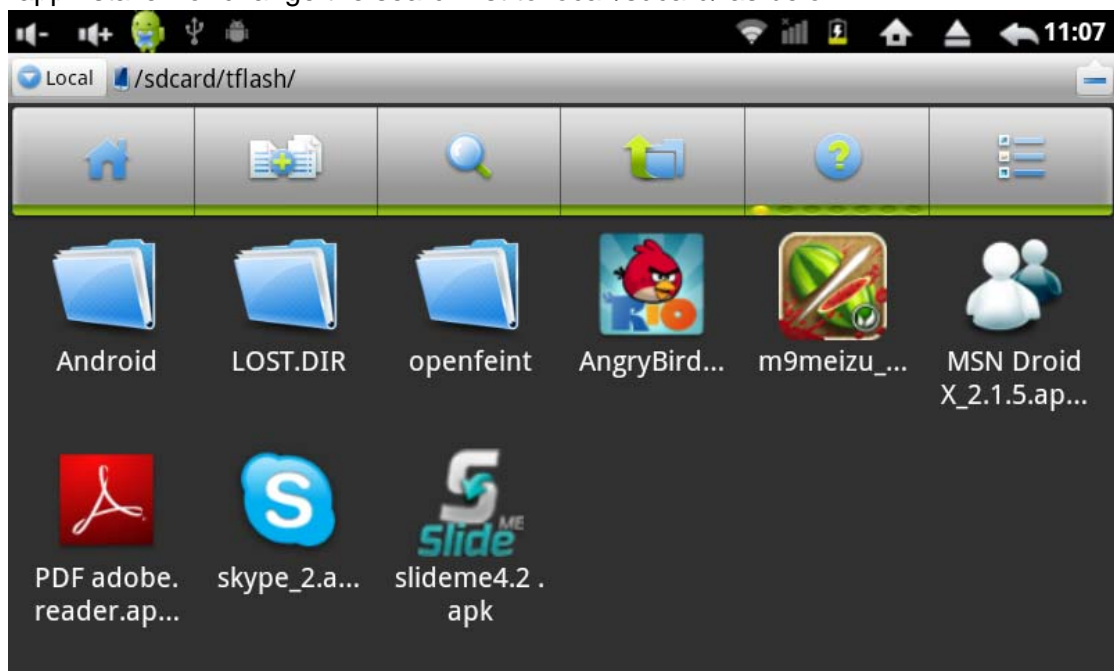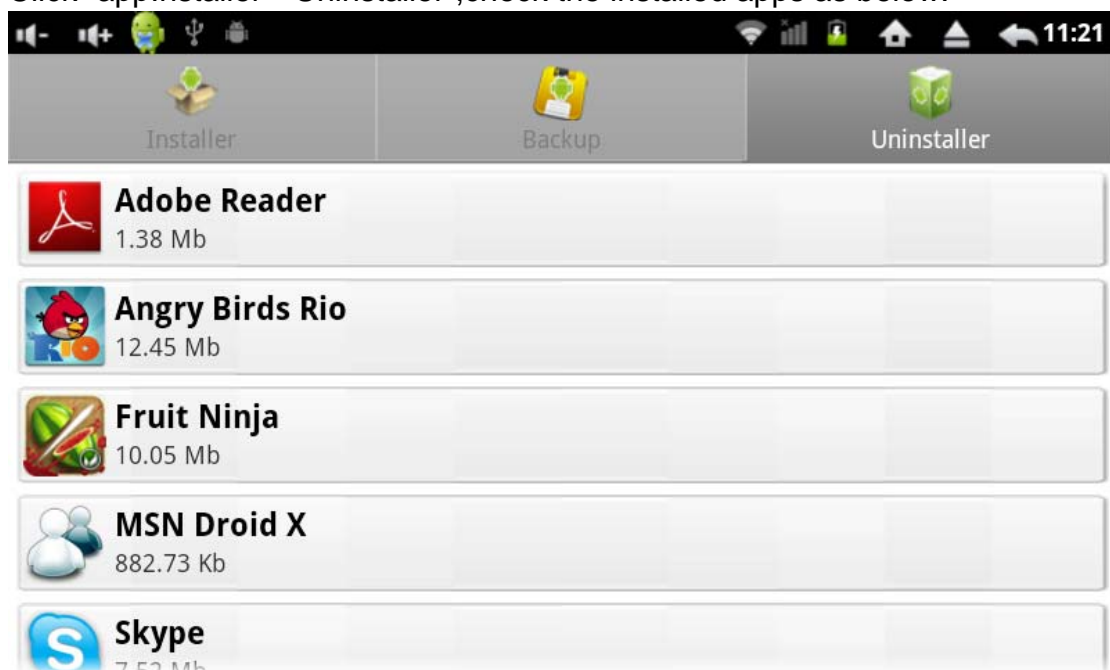


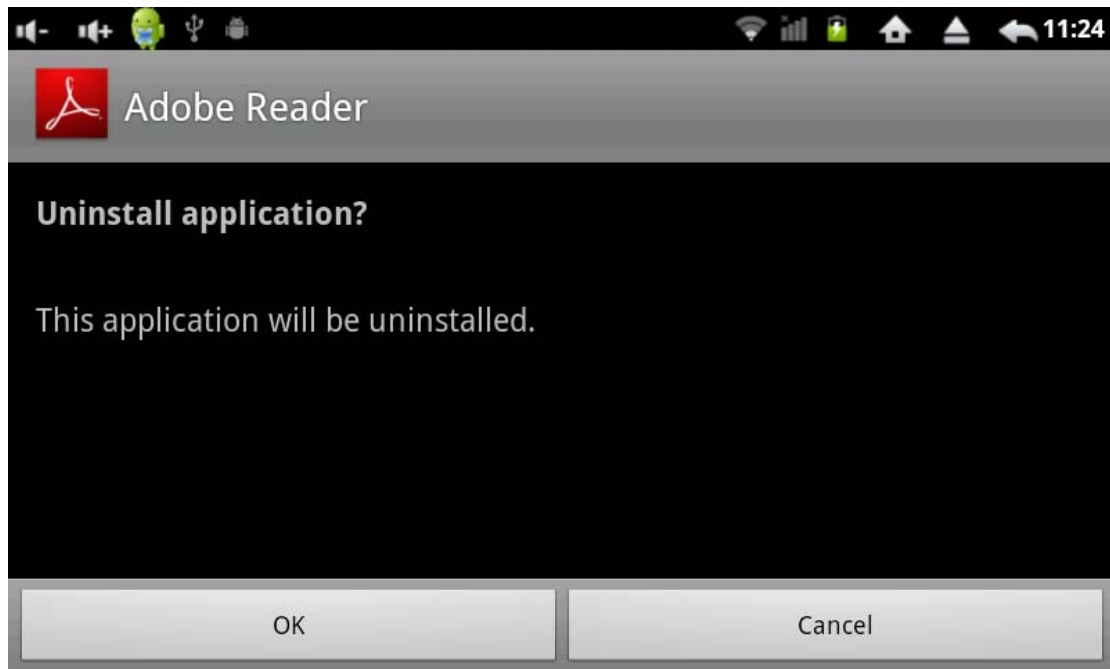5. Select all available applications to install and will show as below:
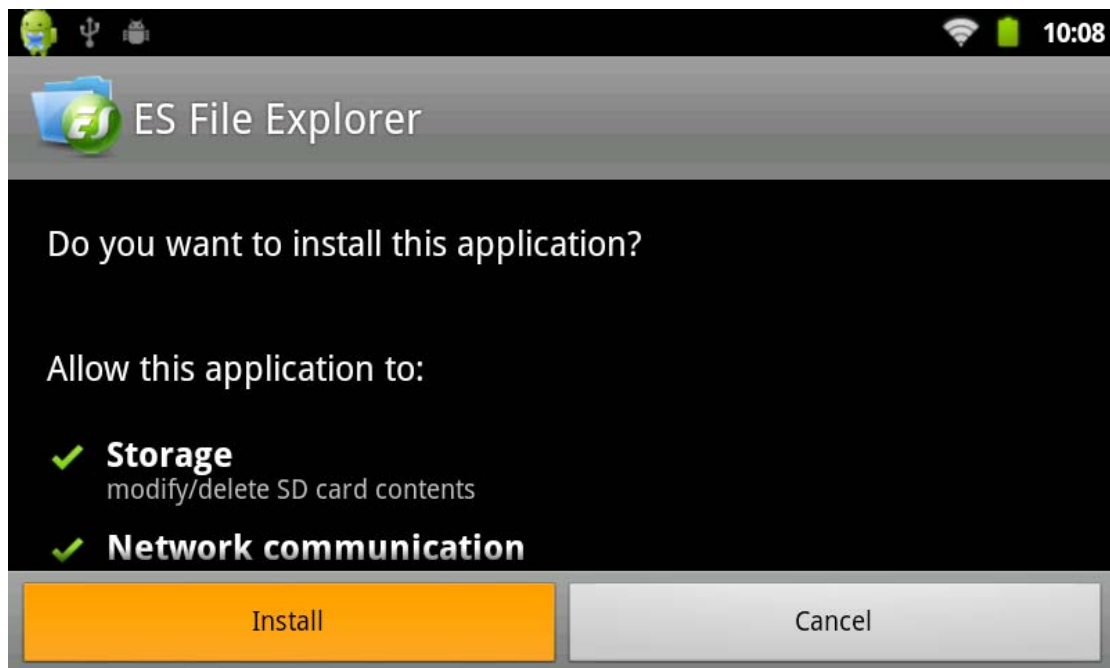
System will install automatically by prompt. Users can install application by Android Market,PC or online download.

## 7.3.2 Uninstall applications:

Click "appInstaller"-"Uninstaller",check the installed apps as below:



Click the uninstall apps,system will unstall automatically by promt as below:

User also can manage the 3<sup>rd</sup> party apps or Android default applications from Ex File Explorer.Select "Settings" - "Applications" - "Manage applications",check the download or installed applications or uninstall applications or Running ect.information.

## 7.4 Privacy

### 7.4.1 Factory data reset

Click "Privacy" on settings menu to enter "Privacy settings" as below:
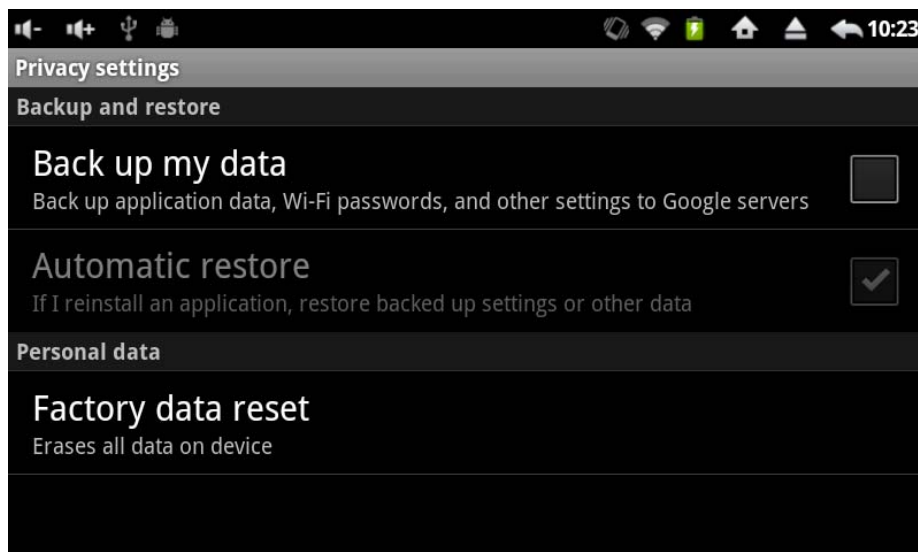


Click "Factory data reset" to enter reset, connect device to DC power and click "Reset device", after several minutes,unit will reset automatically.

Note:Do remember to connect PC to DC power when reset. All the apps from third-part and datas will be deleted and return to the factory default.
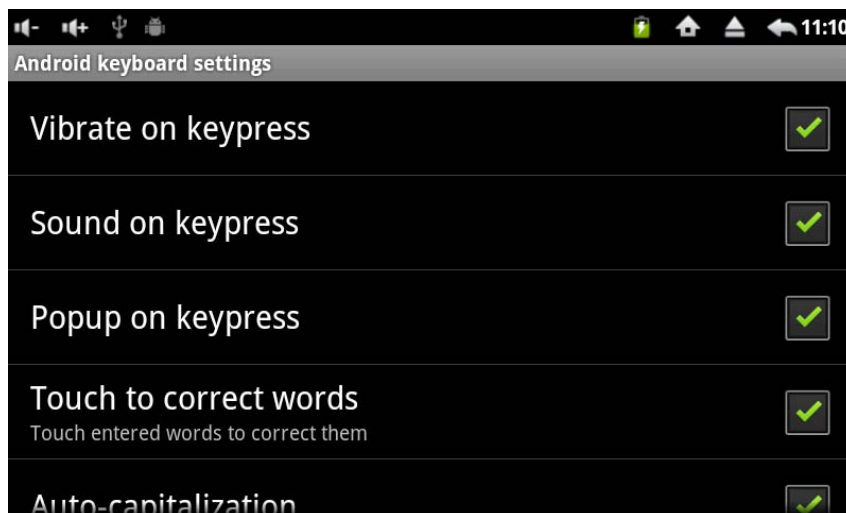
## 7.5 Language&keyboard

### 7.5.1 Select language

On settings menu,click "Language&keyboard"-"Select language" to choose the language as below:
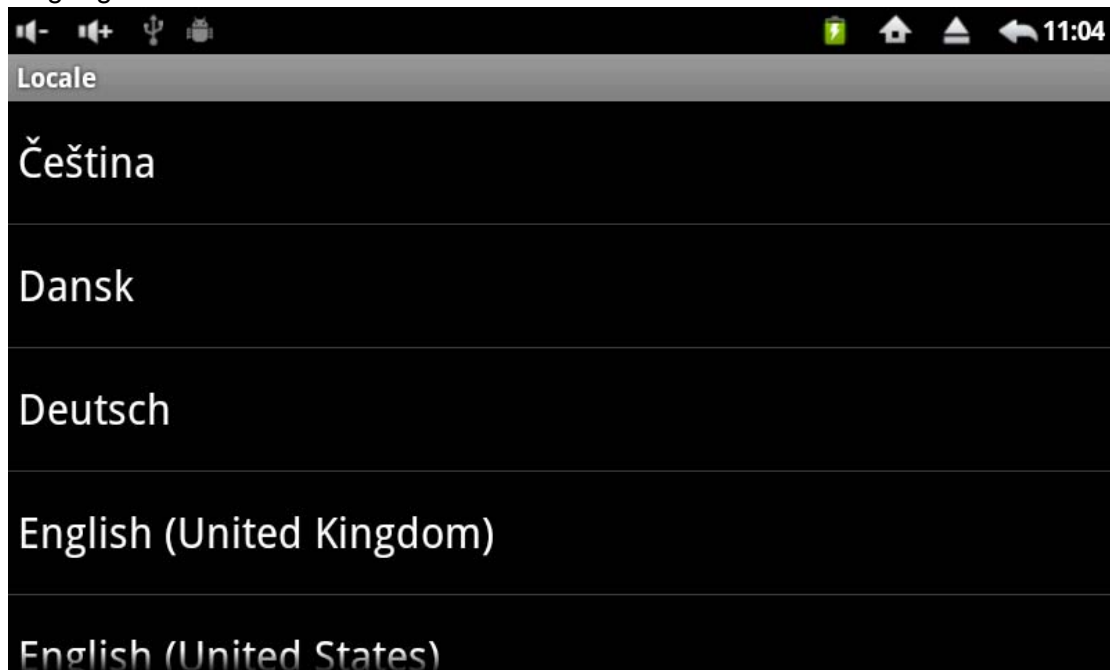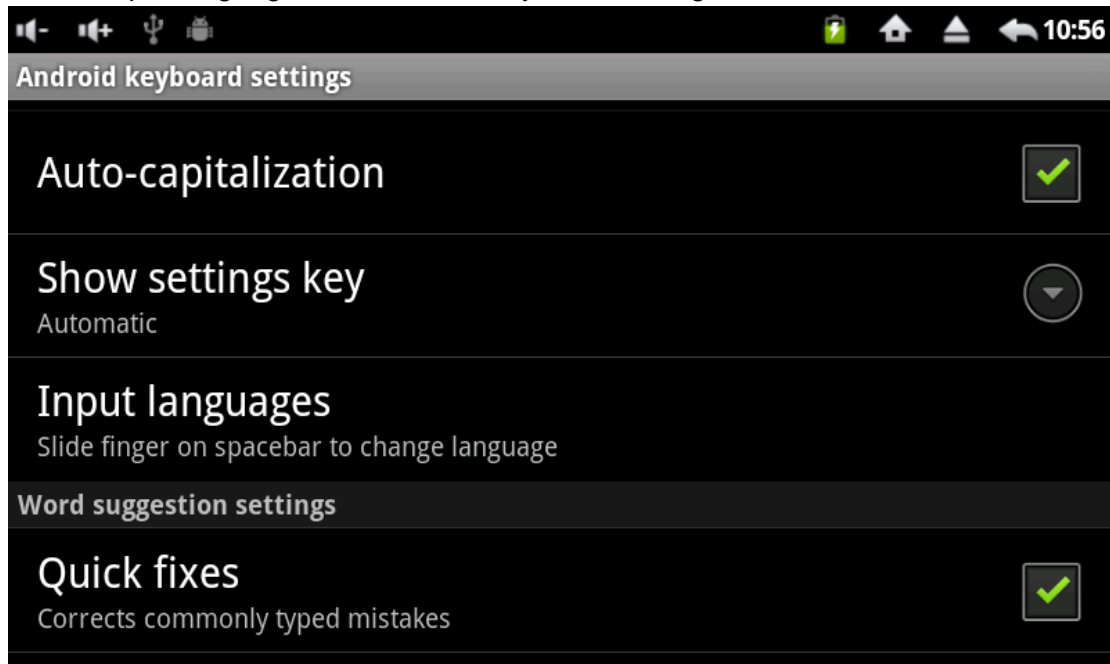


### 7.5.2 Android keyboard

Click "Android keyboard" on "Language&keyboard settings", choose the operation like below:



### 7.5.2.1 Input languades

Click "Input languages" on "Android keyboard settings" menu as below:



Select the languages you want,slide finger on spacebar to change language like bow:





## 7.6 Touch Calibration

Click "Settings"-"Touch calibration"to enter calibration procedure. Follow the instruction to operate twice,after calibrating successful,system will prompt and exit automatically as below:
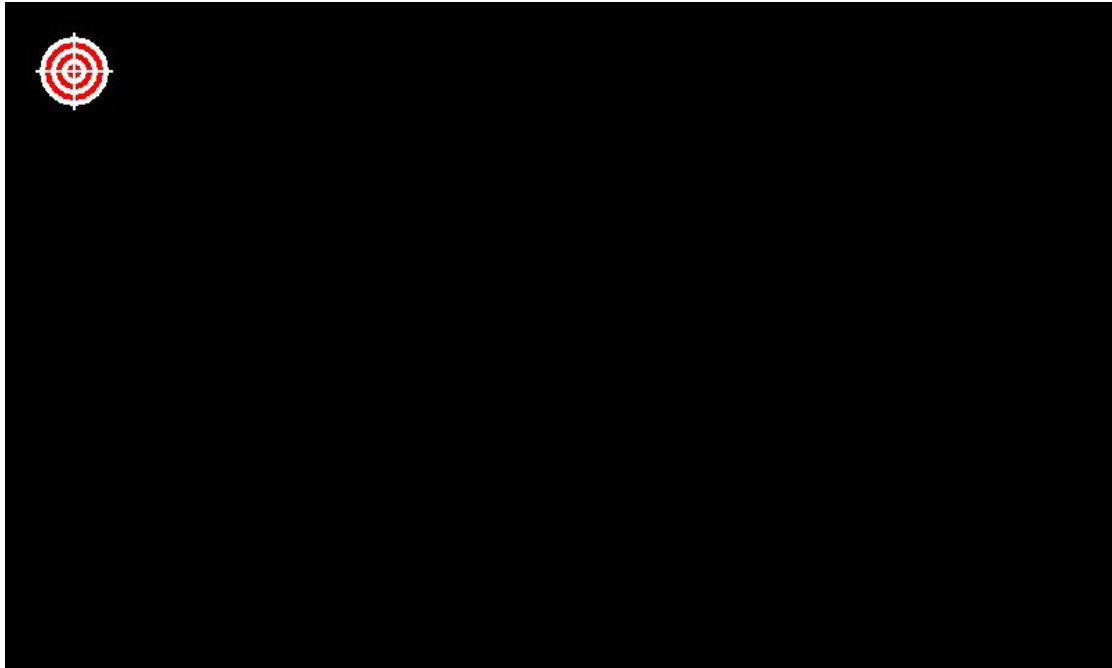
After finishing calibration, unit will come into effect by re-starting.

## 7.7 Date and time settings

Click "Date and time" to enter settings interface, there are Set date,Select time zone, Set time, Time format, date format functions. The operations are same.
For example, choose to set the date, as below:
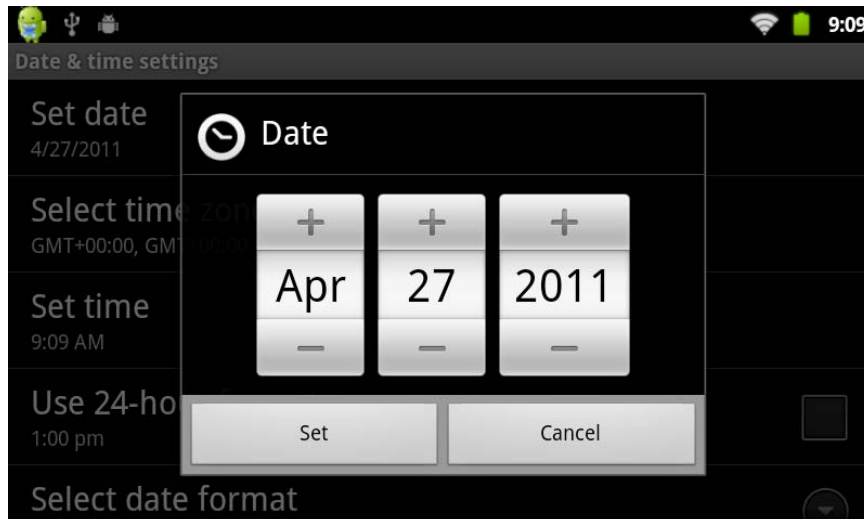


Click +: increase month,day and year
Click -: reduce month,day and year
The year form can use input mode. Click year number and an interface will come out as below, enter the desired number and select "Done".
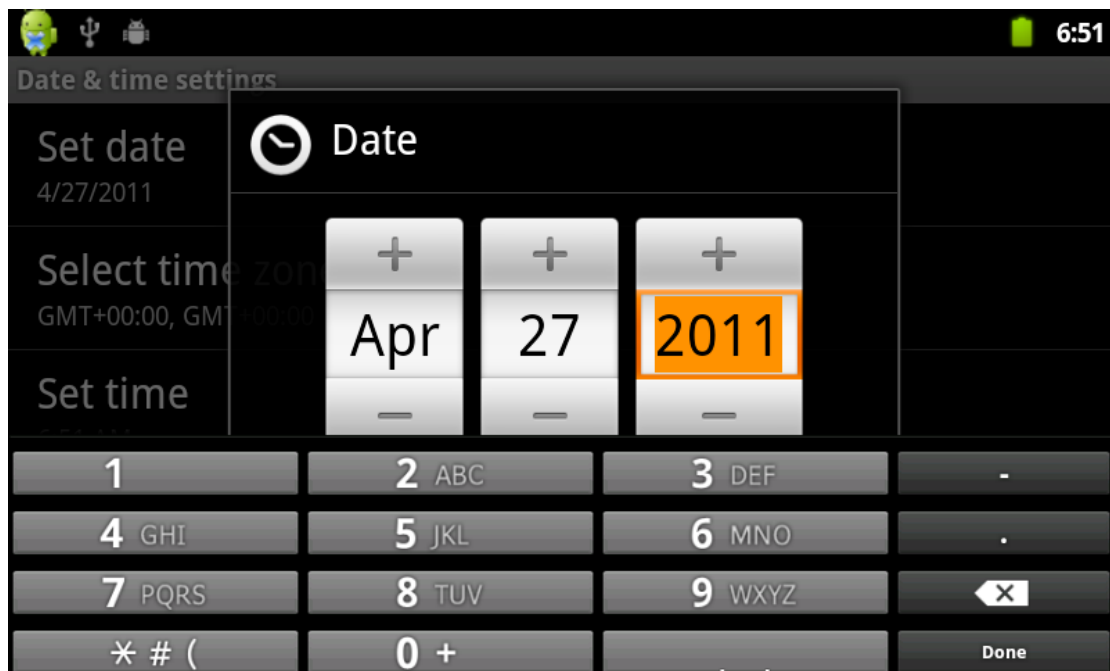
When finish setting, click "Set" if you enter the number is legal and the operation is successful, the system will show new date on "Set date".
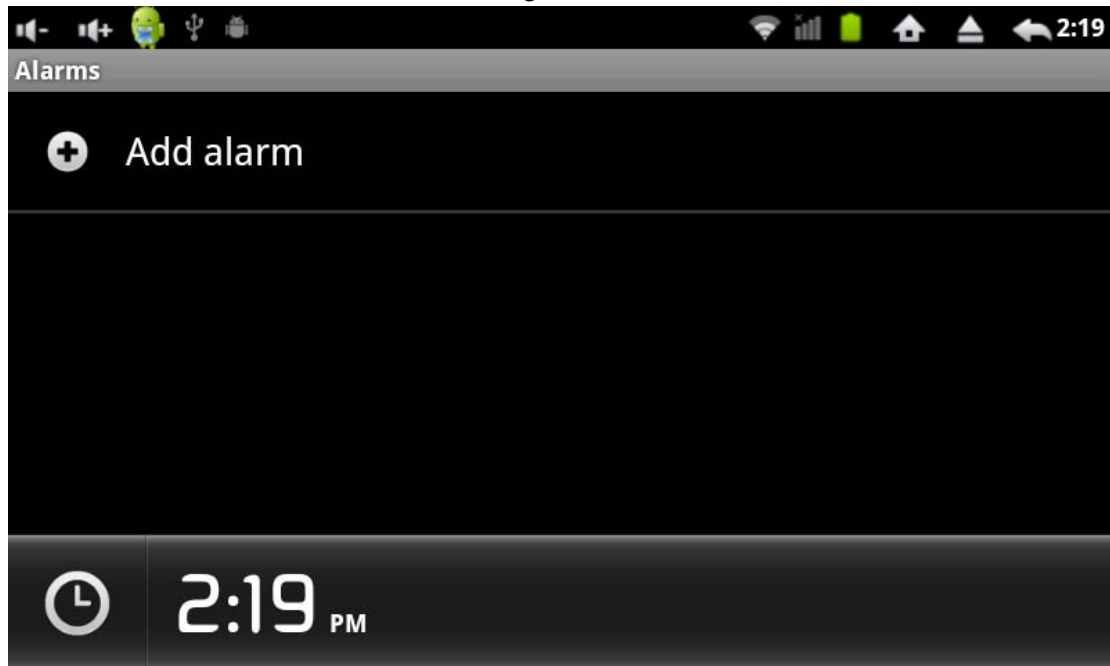
## 8.Calendar

Before entering calendar,please choose the coporate or google account. If company email server compatible with google, user can use coporate to sign in. If not,choose personal googal account to sign in or creat a new account or sign in.
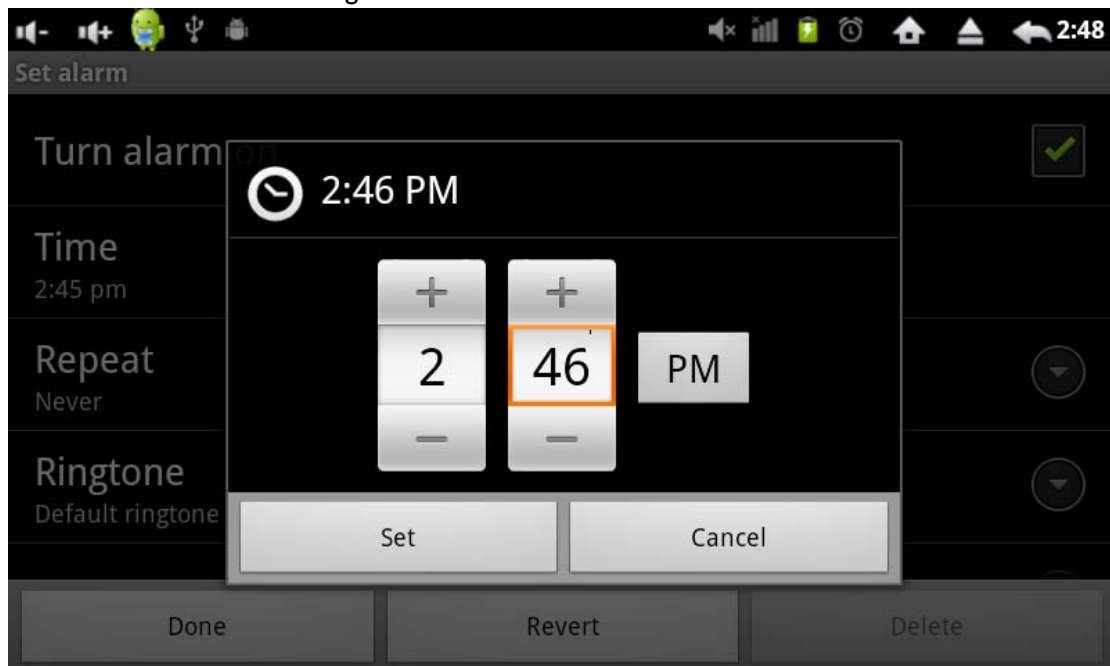
## 9.Clock

Click "Clock" on the main menu to enter an interface as below:

Click "Alarm" icon to enter Alarms setting as below:



Click "Add alarm" to setting the time want to alarm and then click "set" as below:



Click "Repeat" and select the day want to repeat,click "OK".

Click "Ringtones" to select the ringtones, click "OK" and back to "Set alarm" interface,click "Done" and back to the "Alarms" menu, alarm setting time will show on the alarm interface.

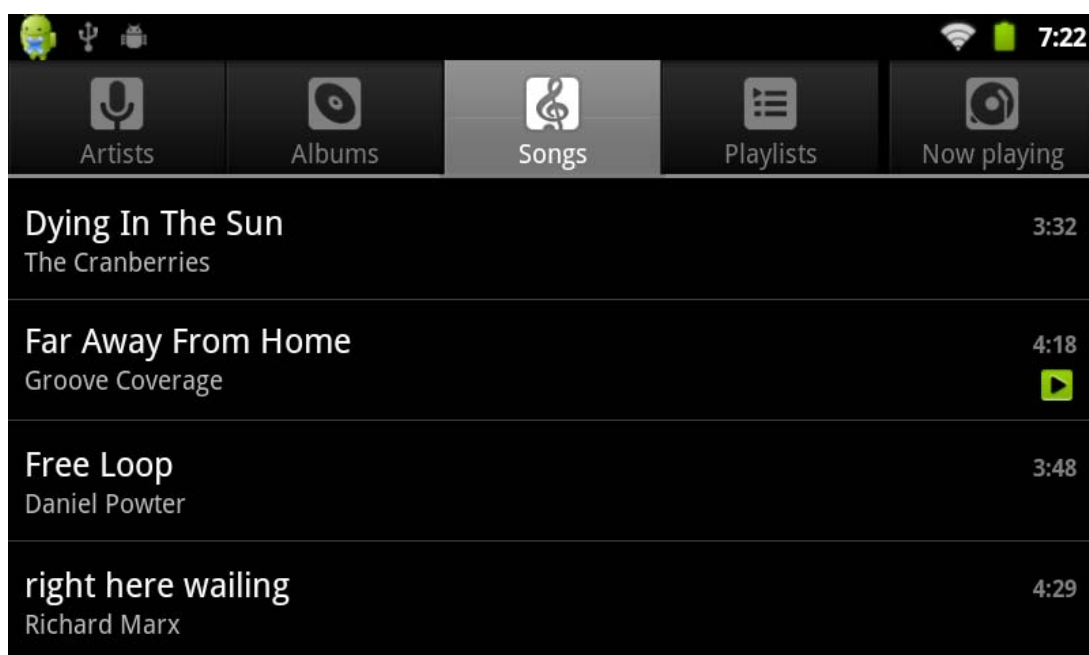Click  and select "Gallery" to fast enter gallery interface as below:
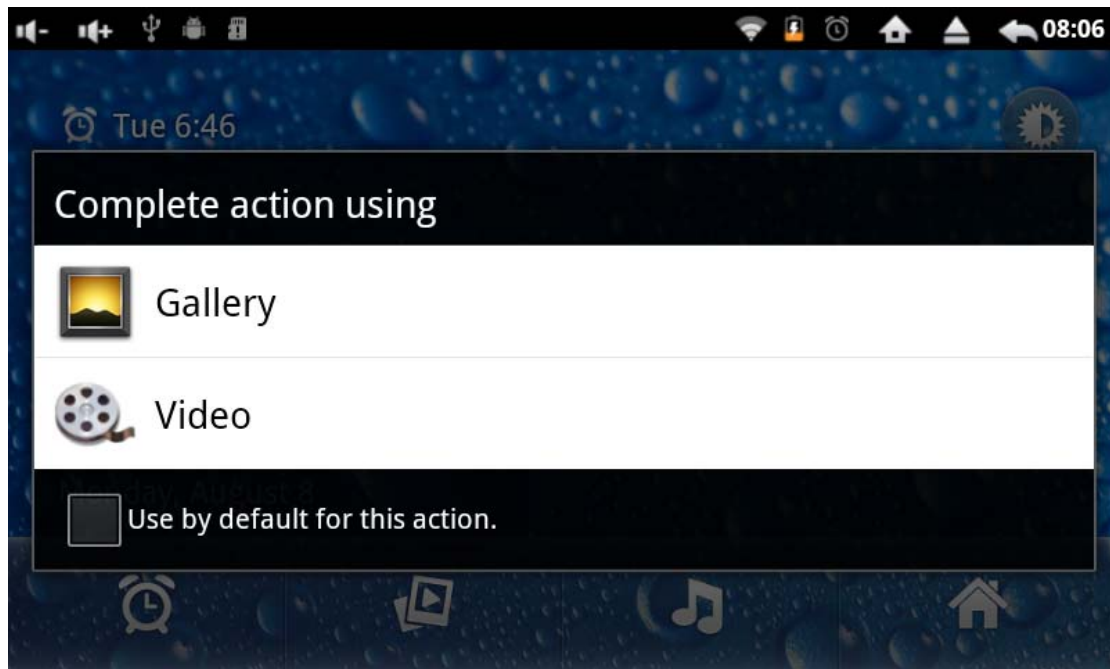
Note: This function only for pictures, therefor,only Gallery is working, Video can't play pictures.

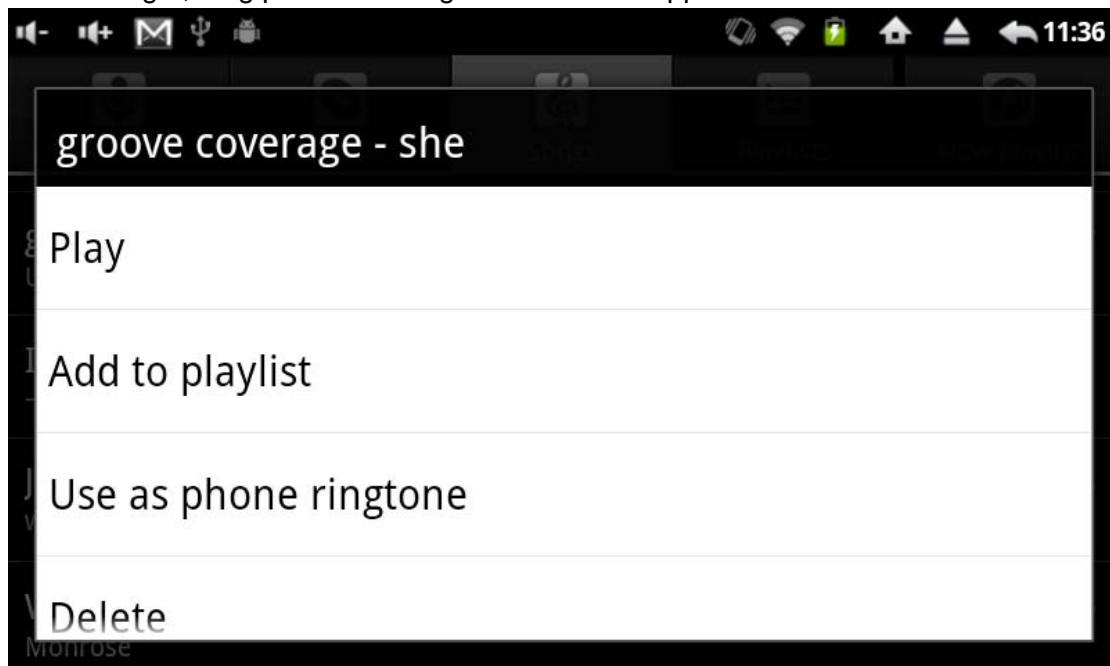click  to enter music play interface;click  back to desktop.

## 10. Music

Click "Music" on main menu and enter music play interface.The system will list all default audio files and user data.Like below:
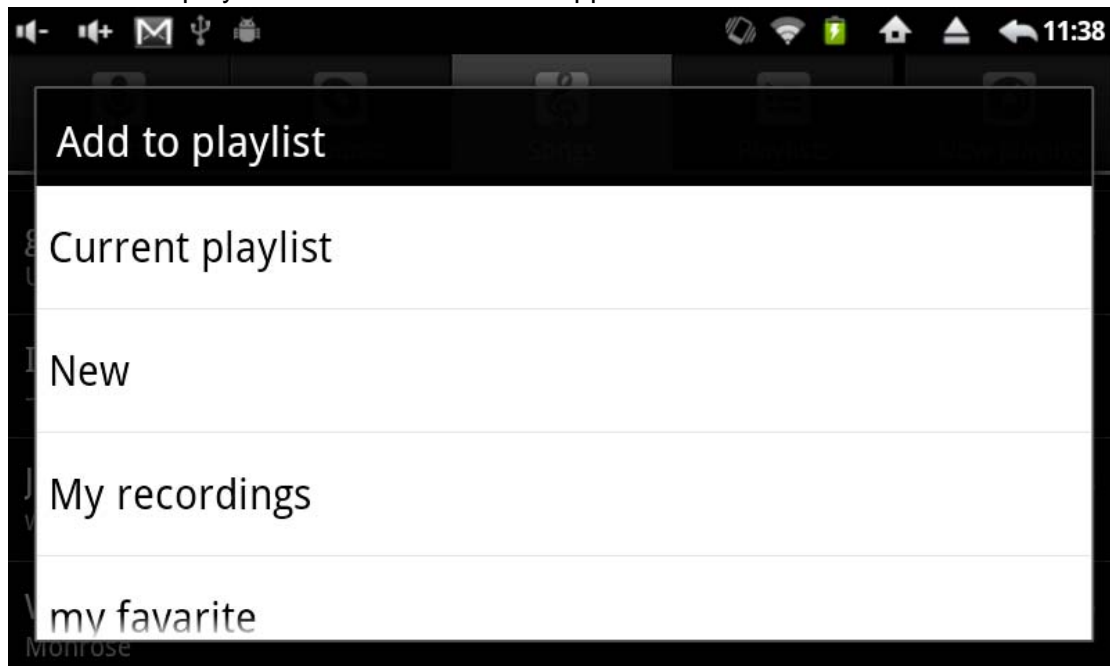
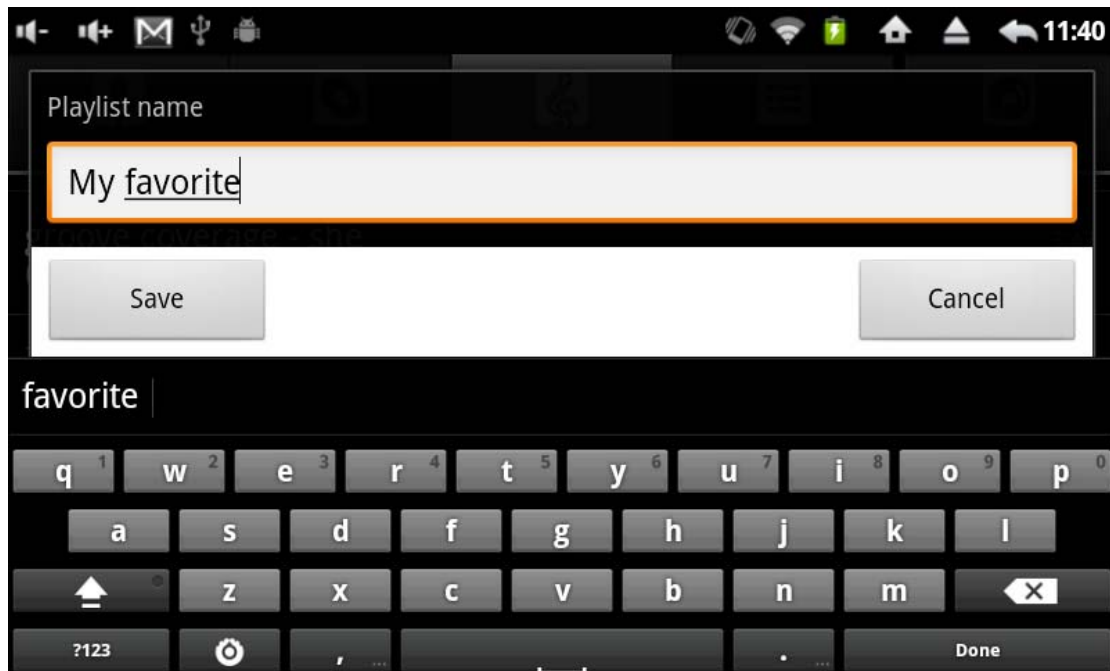User can transfer audio files to unit by USB or Micro SD,also can download files by network.

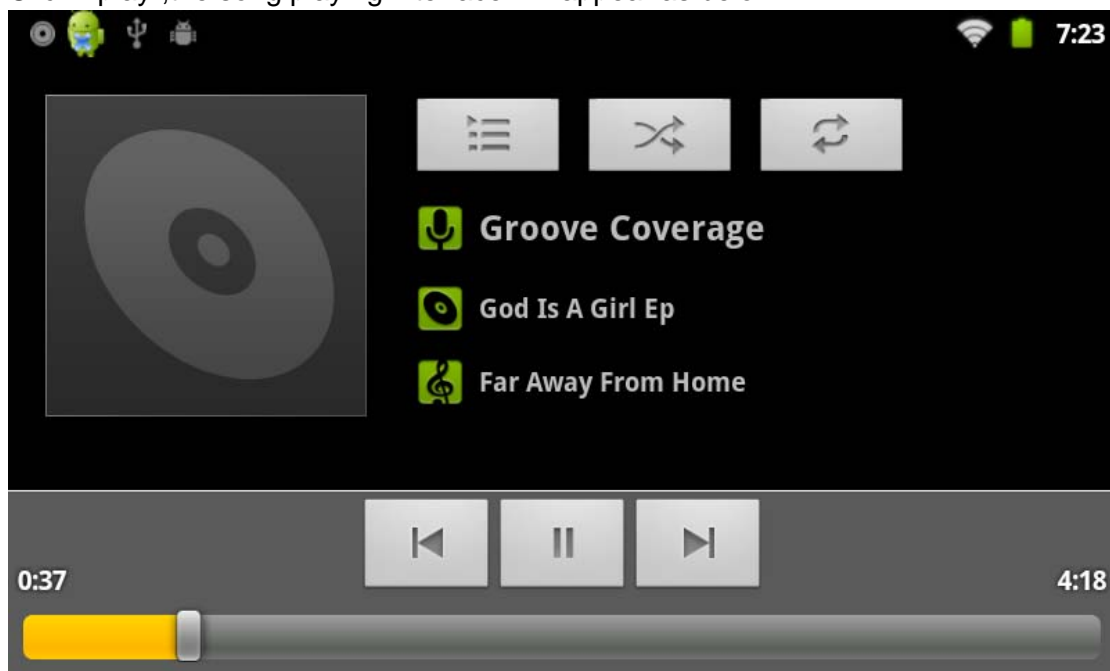Click "Songs", long press the song name and will appear as below:



Click "Add to playlist" and an interface will appear as below:



Move the songs to existing folder you want. If want to establish new folder,please click "New",input the folder name and click "Save"  as below:

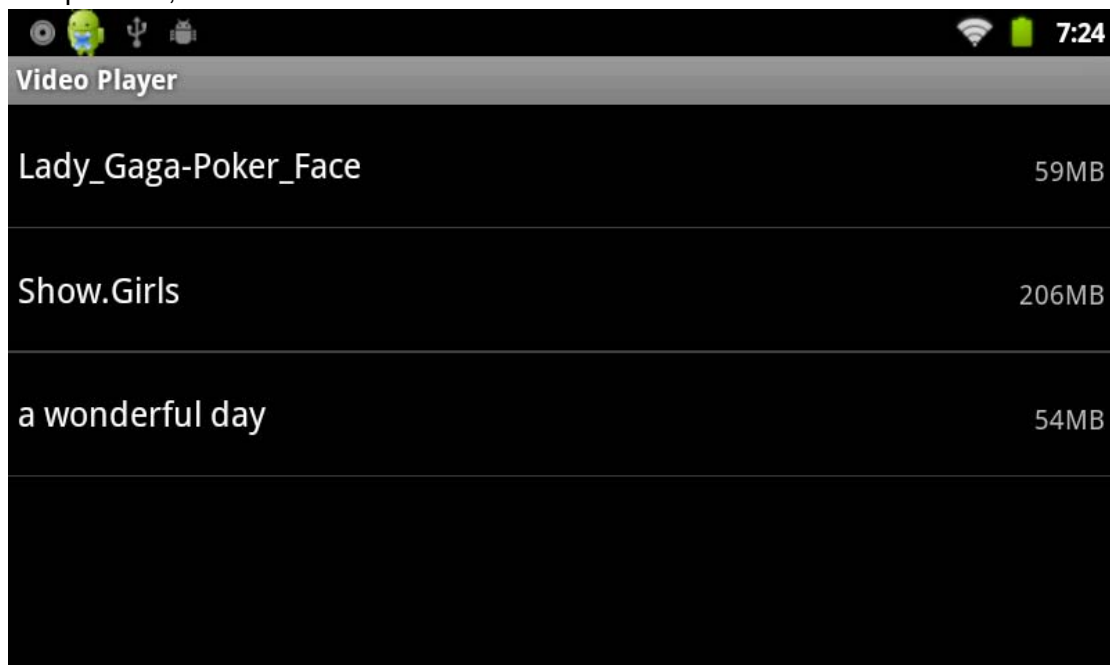Click " play",the song playing interface will appear as below



Click  to enter "Now playing"menu, long press song name and appear same interface as click "Songs", please refer to above operation.
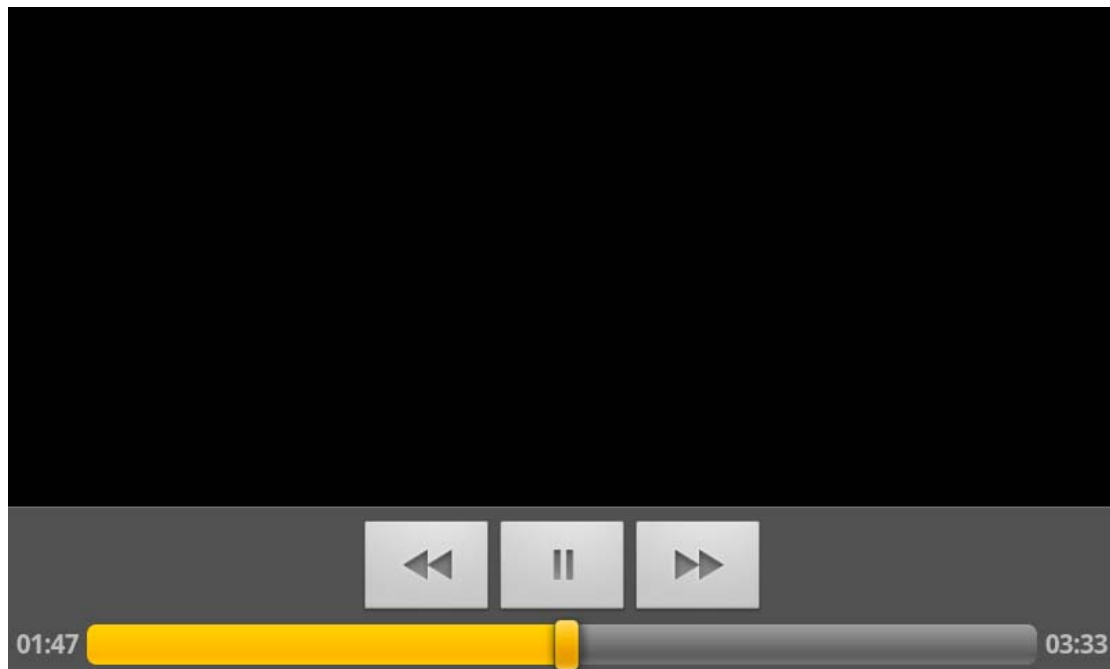
## 11.Video

Click "Video" on main menu and enter "video"menu, system will list all the video files and pictures,like below:



Select video file and enter play menu,like below. Click "Play","Pause","Fast forward","Fast back"," Progress bar" ect.buttons to control playing.

## 12.Gallery

Click "Gallery"on main menu and enter "Gallery" interface,system will list all pictures and video files,like below:



Click picture and enter picture play interface,like below.Select "Zoom in","Zoom out","Previous","Next" ,"Delete" ect.operation. Click "More" and select "Details","Set as","Crop","Rotate Left","Rotate Right","Settings" ect.function.
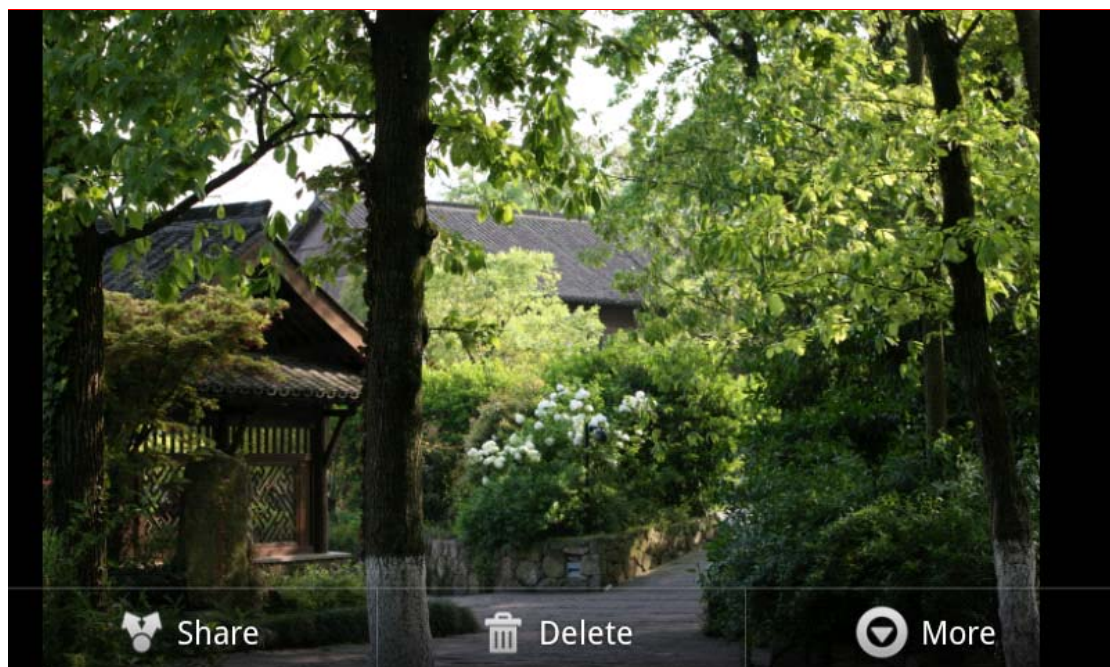
## 13.Network

### 13.1 Web browsing

When connect network,open browser and input URL can browse the web page quickly;or input website and browse web page in search bar on main desktop. Like below:
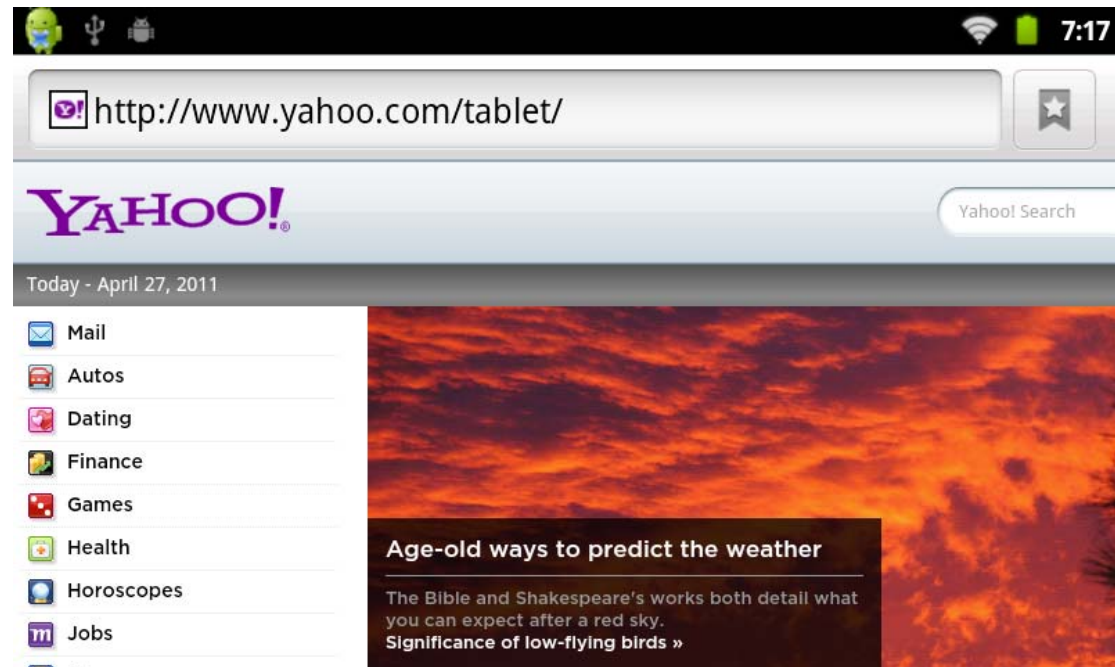


### 13.2 Online video and audio

Download video/ TV / Music online play software by Google Market or other ways and install on the unit.Open the installed software can watch video,online TV or listen to the online radio.

User also can download other third-part network software including web browse,video play,website client-side, Instant communication software ect.

## 14. Wallpaper

System support static and 3D wallpaper. On the desktop,press Menu button and will list "Add","Manage apps","Wallpaper","Search",Notifications" and "Settings" as below:
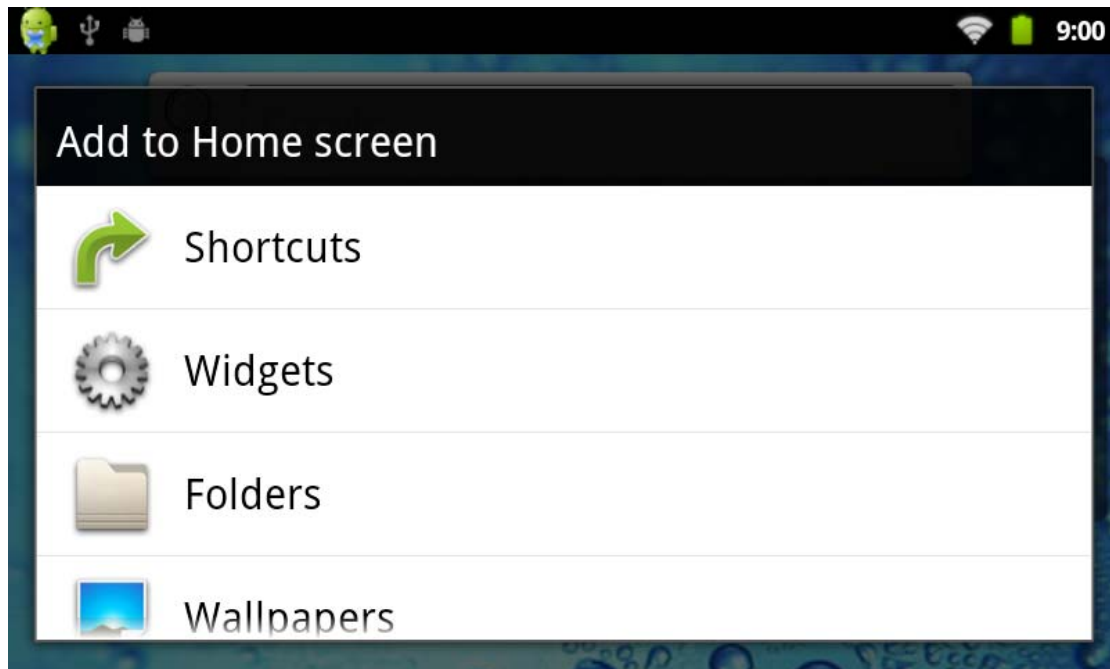
Click "Wallpaper" and an interface will come out as below:
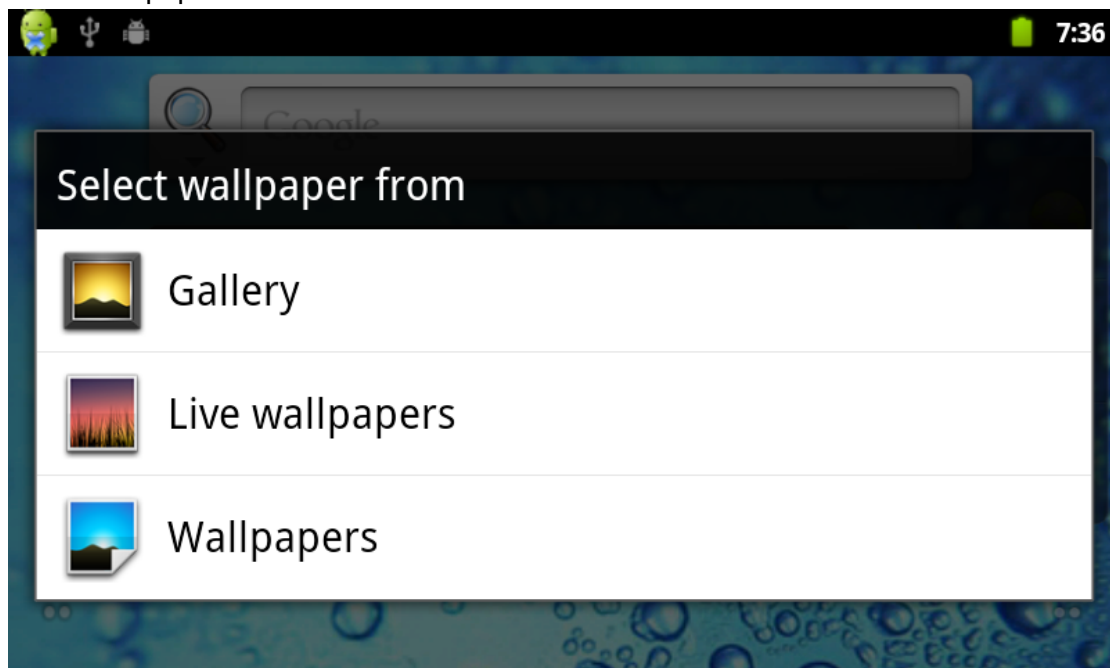


Click "Gallery": choose the system provide picture as static wallpaper.

Click "Live wallpapers":choose the 3D wallpaper from system provide.

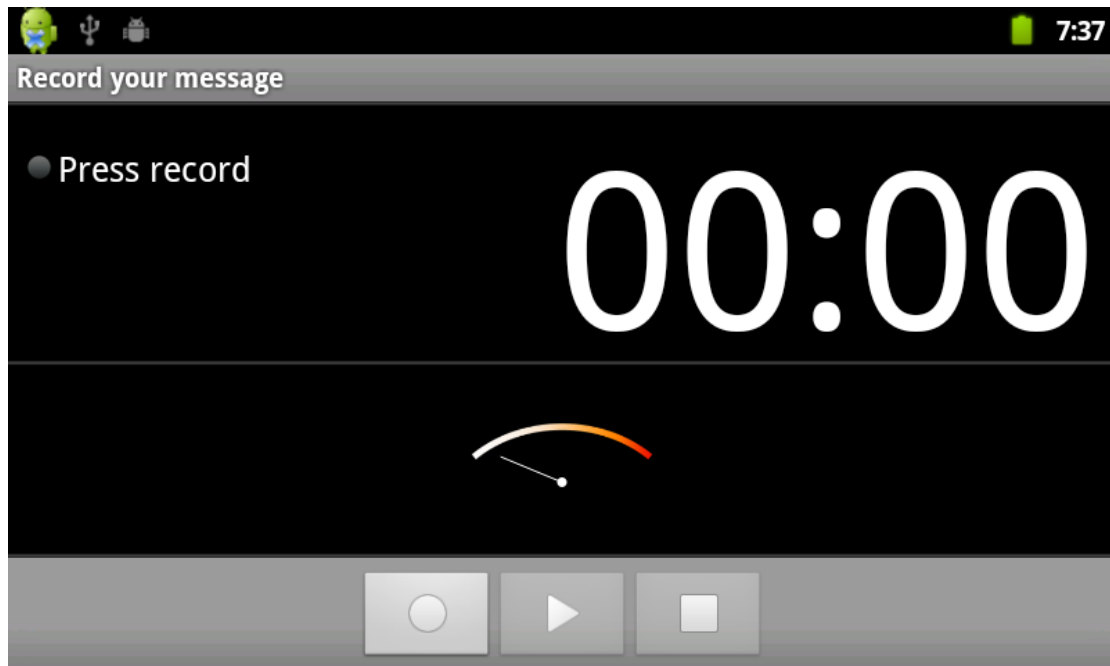Click "Wallpapers": choose User-defined picture as wallpaper.

Or click "Add" on the desktop by press Menu button,an interface will come out as below:

Click"Wallpapers"and will come out same operation as above.

## 15.Recording

Click "Sound Recorder"to enter recorde interface like below:



Note:When recording need to insert Micro SD card and record files will be saved in mirco SD card.

Click "Record" button starting,click "Stop" button and select "Paly" to play the record file. Click "Use this recording"button to save file and find the record file in micro SD
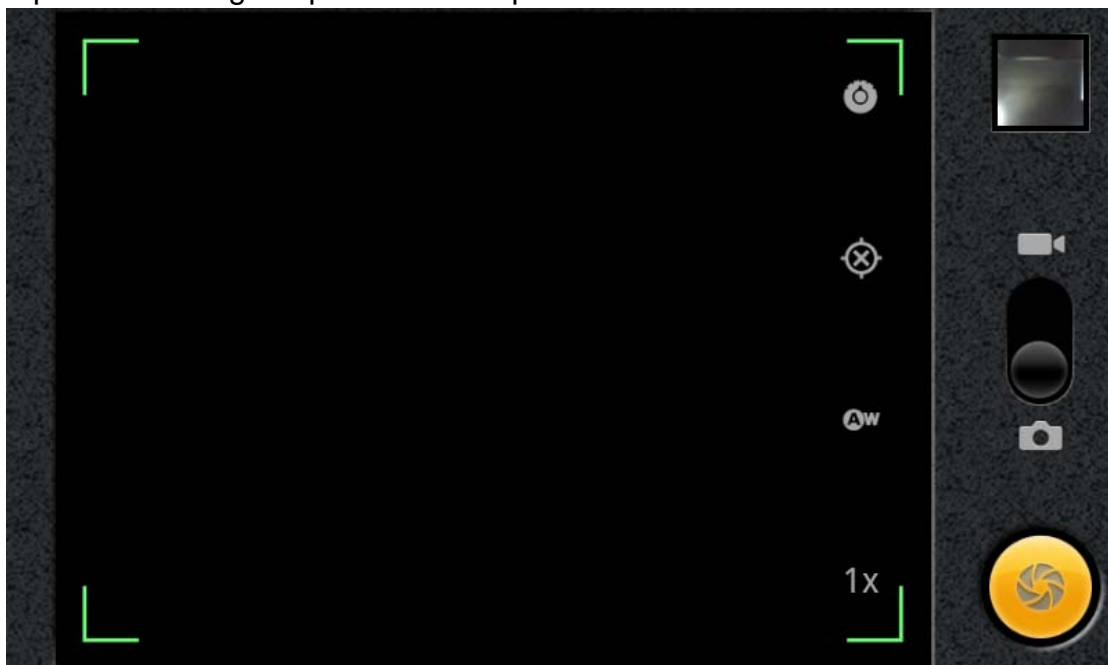
card;if no need to save,click "Discard".

## 16.Camera

### 16.1 take photo

Click "Camera" on main menu to enter camera interface as below:



Click the camera shutter like below,picture will be saved in Gallery. Click the square on the right top and see the pictures.
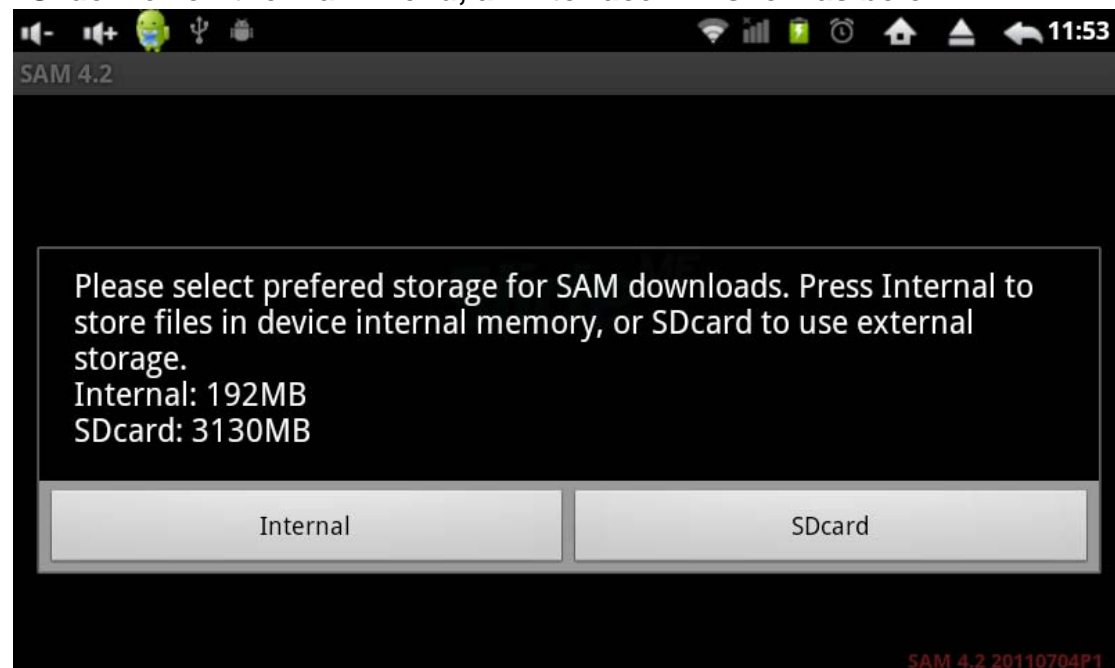


When take photos,user can set photo mode by the list on the right of screen.

### 16.2 Camcorder

Push the button to camcorder model,click shutter to start VCR and click shutter again to stop. VCR will be saved in Gallery.

### 17. Slide Me Setting

**Before using "Slide Me", please make sure device connect to wifi. Click "Slide Me" on the main menu, an interface will show as below:**



**Select the store path for SAM downloads. If select "Internal", system will default all download apps in internal, user have to go to "appInstaller" to check which had downloaded and installed. If select "SDcard", system will create a folder name "SlideME" and default the download apps in this folder as below:**
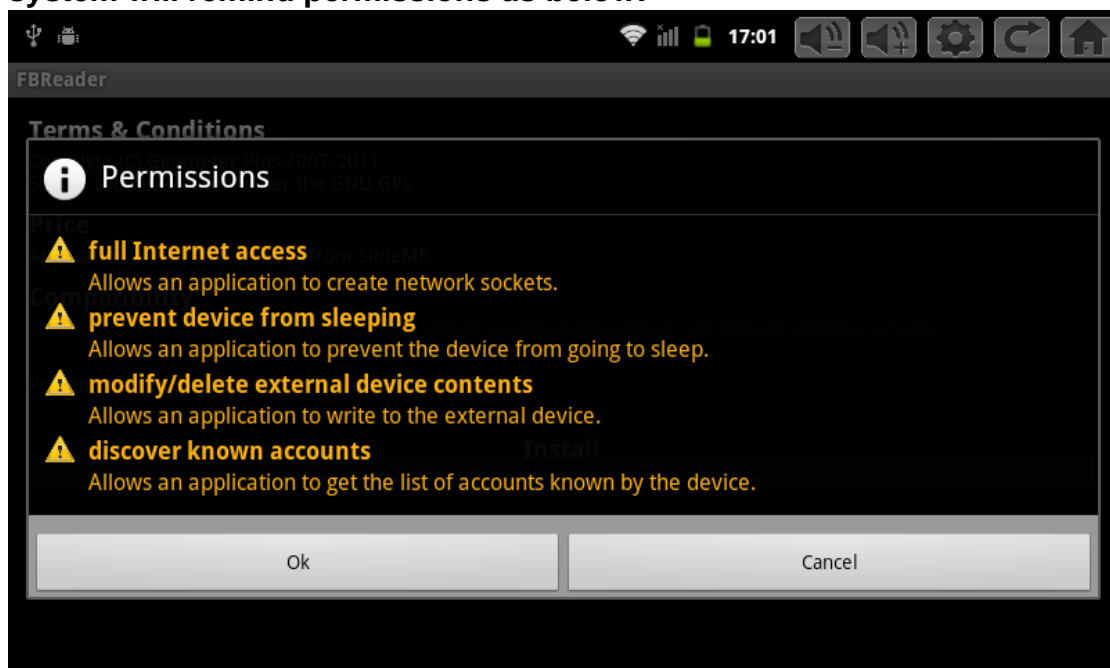
**Click "SlideME" folder to enter downloads to check the download apps as below:**
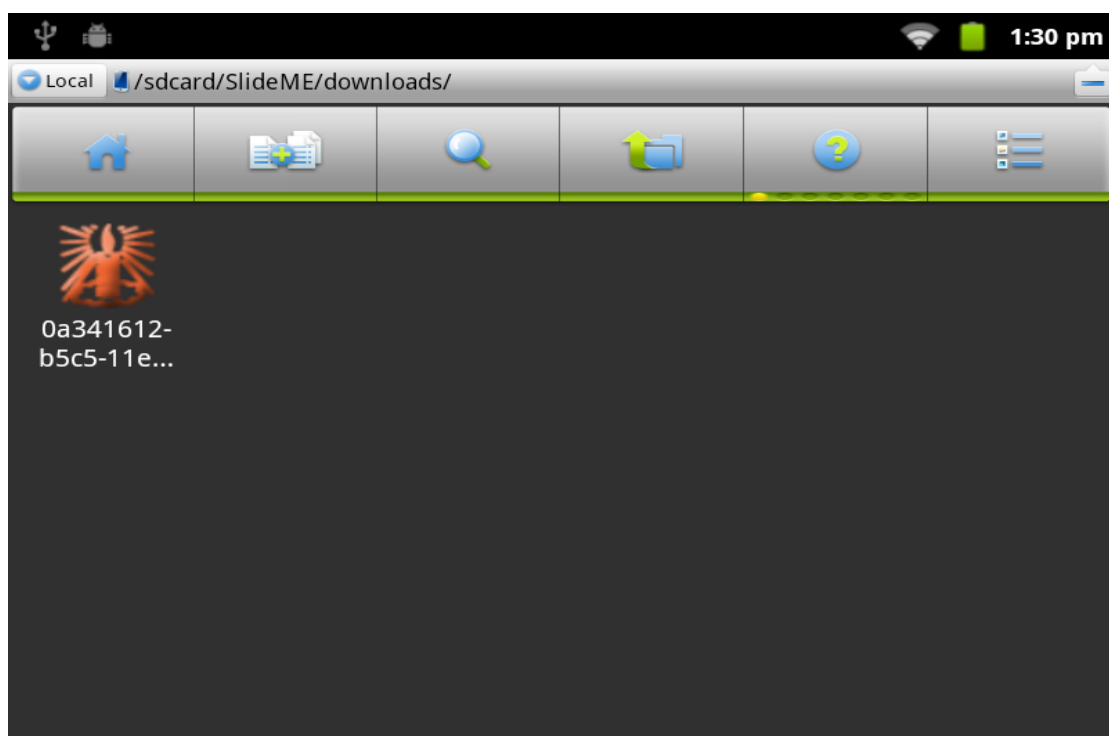


**For example, click E-book from "SlideME Marketplace", click one of book applications, an interface show as below:**
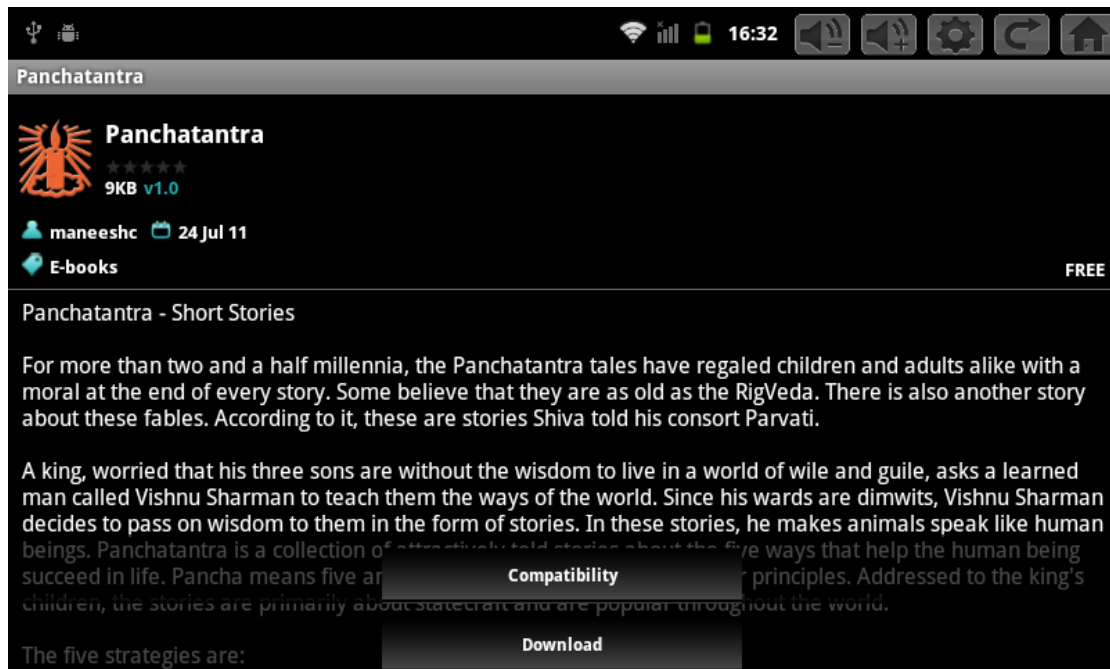
**Click "Download",device will reimind "Install" or "Cancel", click "Install", system will remind permissions as below:**



**Click "ok"--"Install", application will be downloaded and installed automatically. When system show "Application installed", click "Open" to enter the application, click "Done" to enter application compatibility introduction.In this interface,user can "Open","Uninstall" or "Redownload" the current application.**

**If want to delete the installed application, please refer to the "Uninstaller applications" setting.**
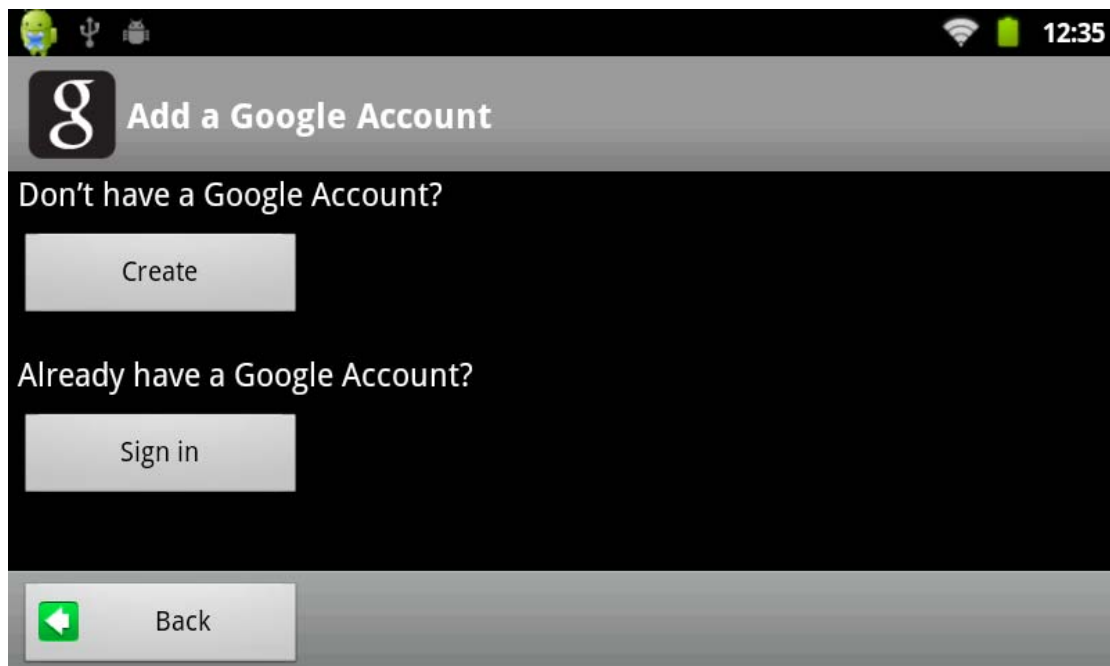
## 18. Market

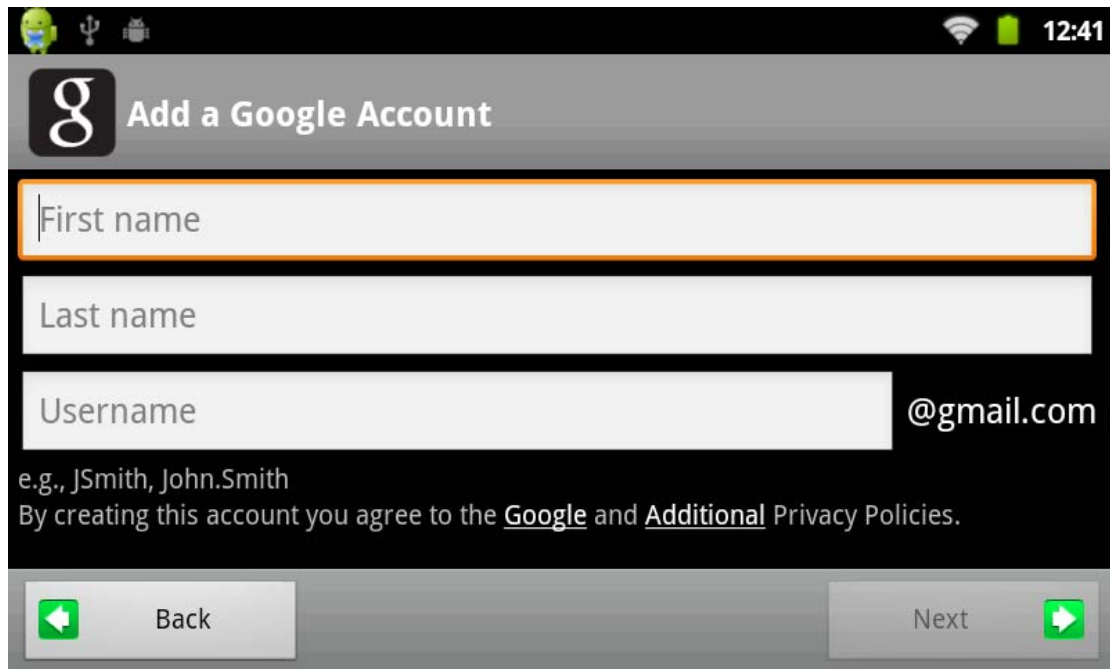Before using market ,please make sure network is working.

Click "Market" on main menu ,an interface will come out as below:
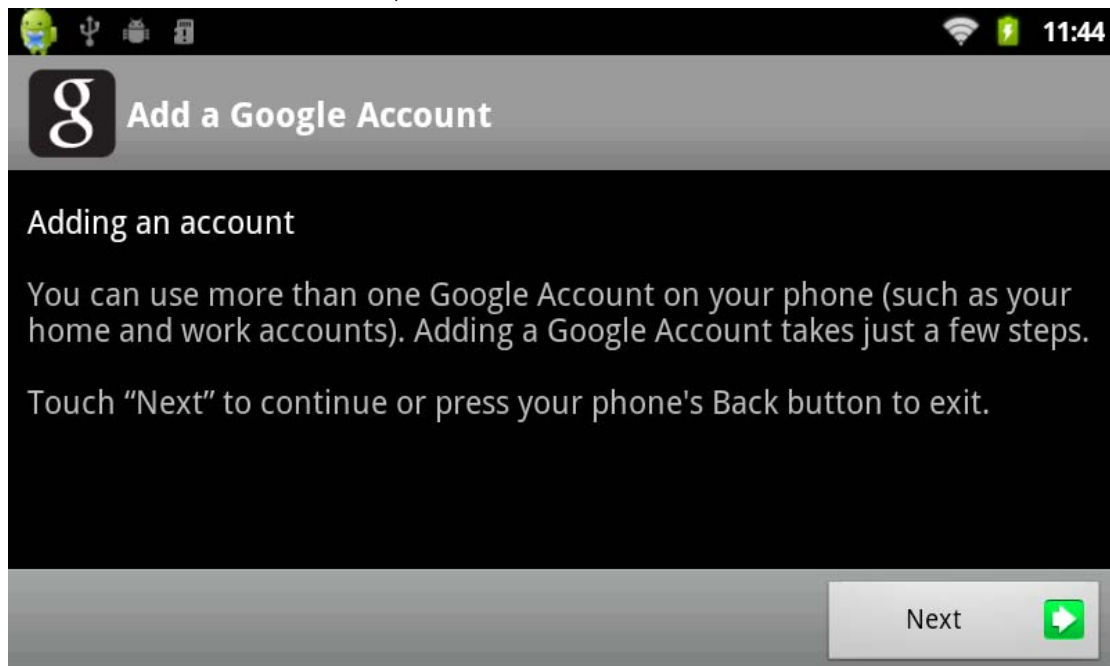


Click " Next" and come out as below:



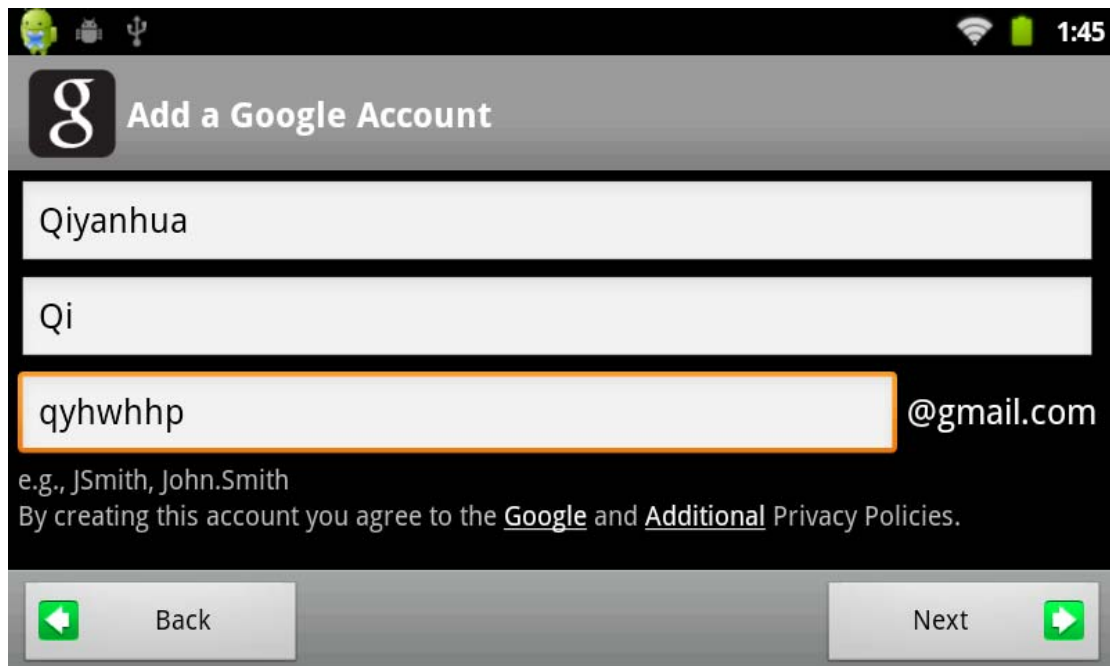If have no Gmail account, click create as below:

Enter first name,last name and account name like below,make sure user name if available.



Select "Next" and come out as below:

Set password for the above account, click "Next" as below:



Click "I agree, Next " as below:
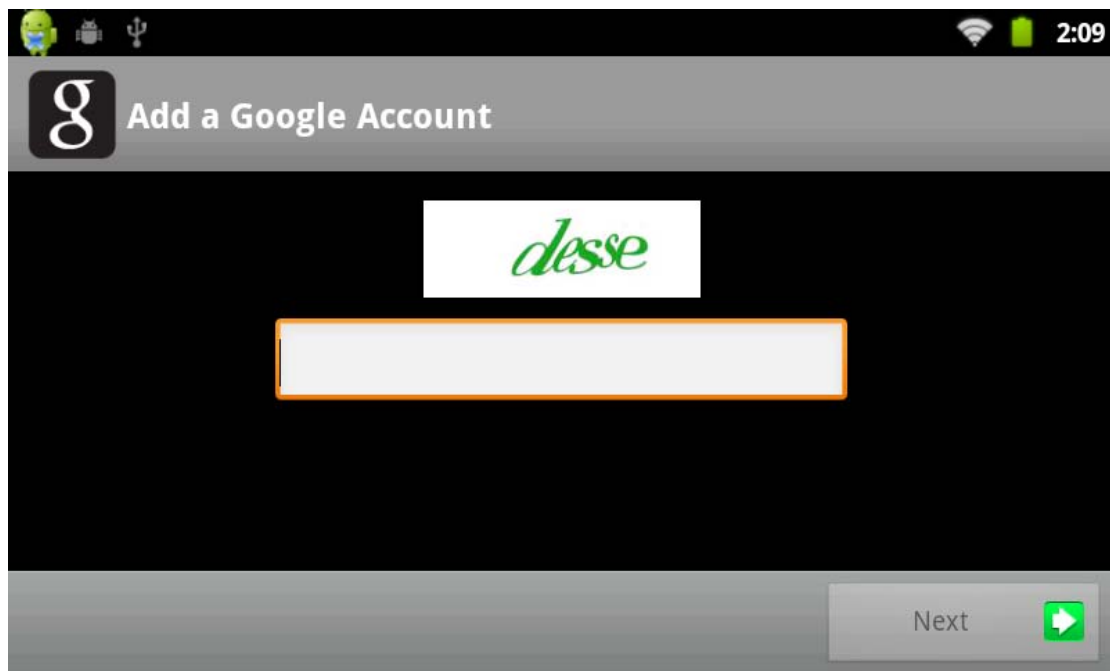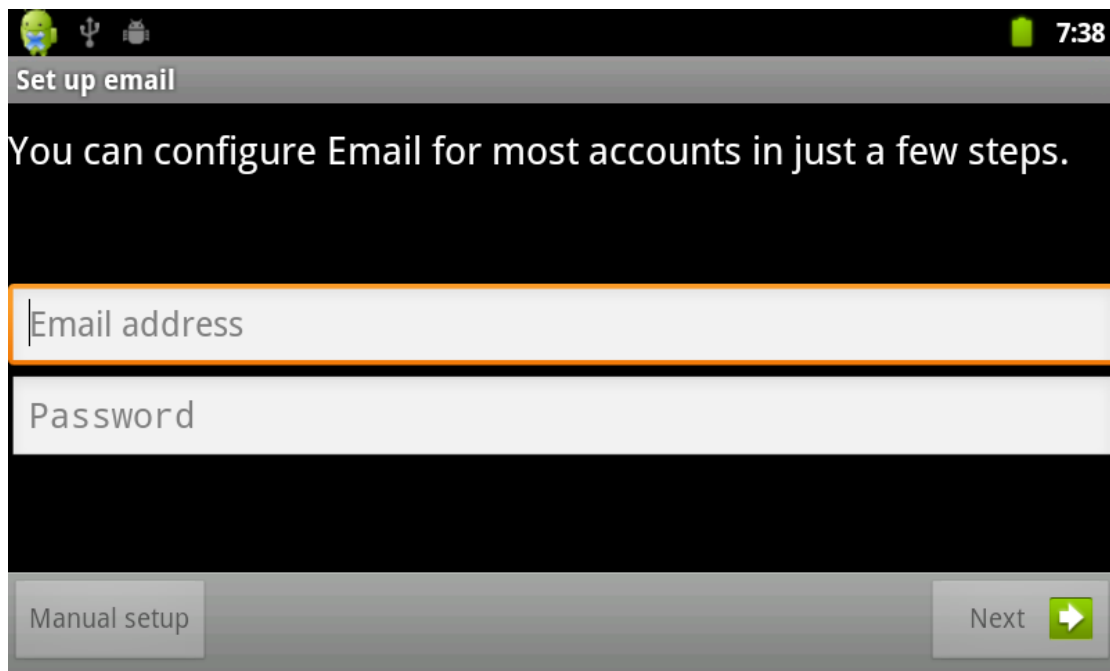
Fill in Security Code, click "Next" to enter market as below:
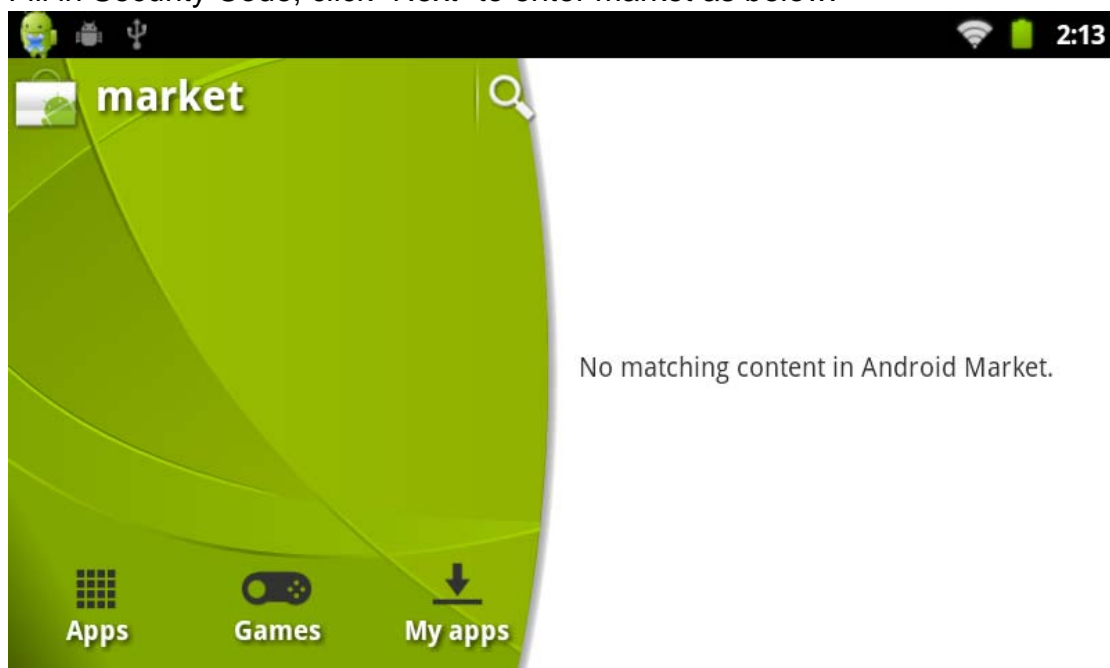


Click "Apps"or"Games"to select what you want.Or click search menu to enter keyword which you look for.

## 19.E-mail

Click "Email" on main menu to enter e-mail set up. The first step will be asked to configure the account information as below:

Before using email,please make sure email link is working.

For example, ivy7735@126.com:    input the email address and valid password, click "Next" and come out   as below:
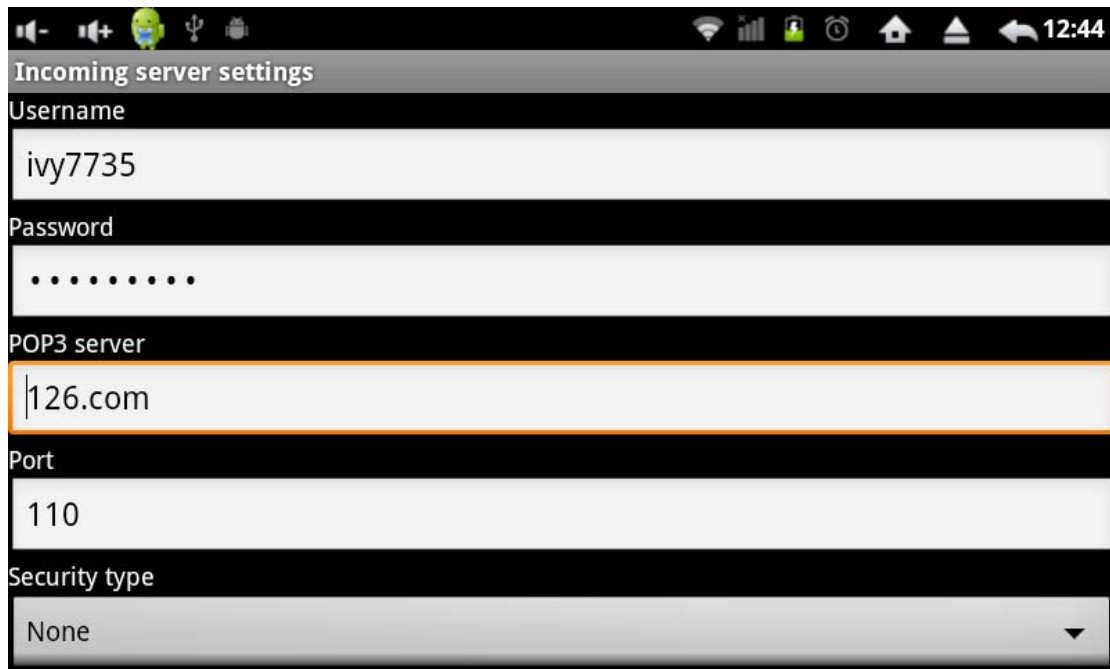


Email server is POP3 . Click POP3 and server setting will come out as below:

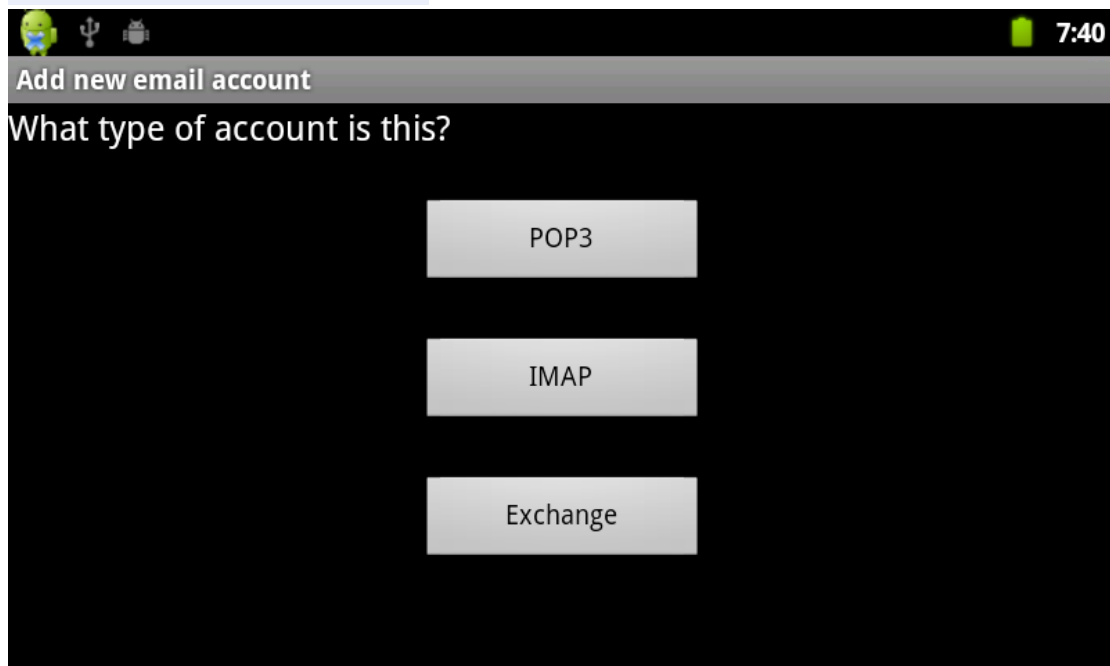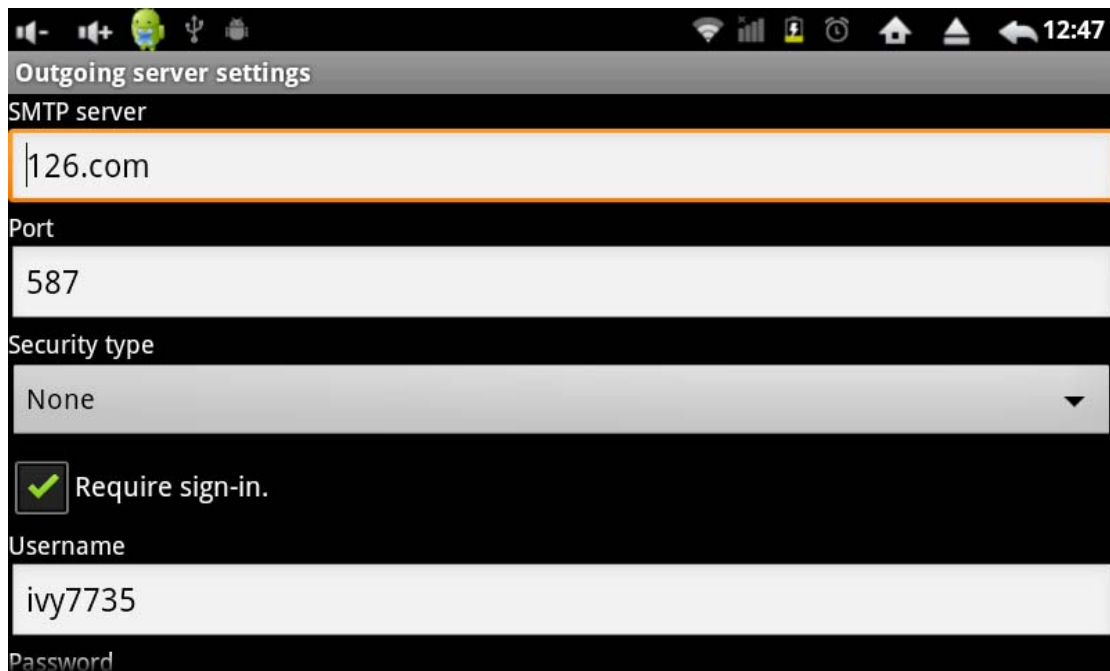Please set parameter according to the email Service Providers. Such as POP3 server,system default "pop.126.com",port is "110",click "Next" to enter "inspect server setting".If setting correct,an interface "outgoing server settings" will come out as below:



SMTP server "126.com" change to "smtp.126.com", revise port "587" to "25", drag the scroll bard and click "Next" to enter   "Check outgoing server settings" interface. If the settings is correct, will enter the following interface:
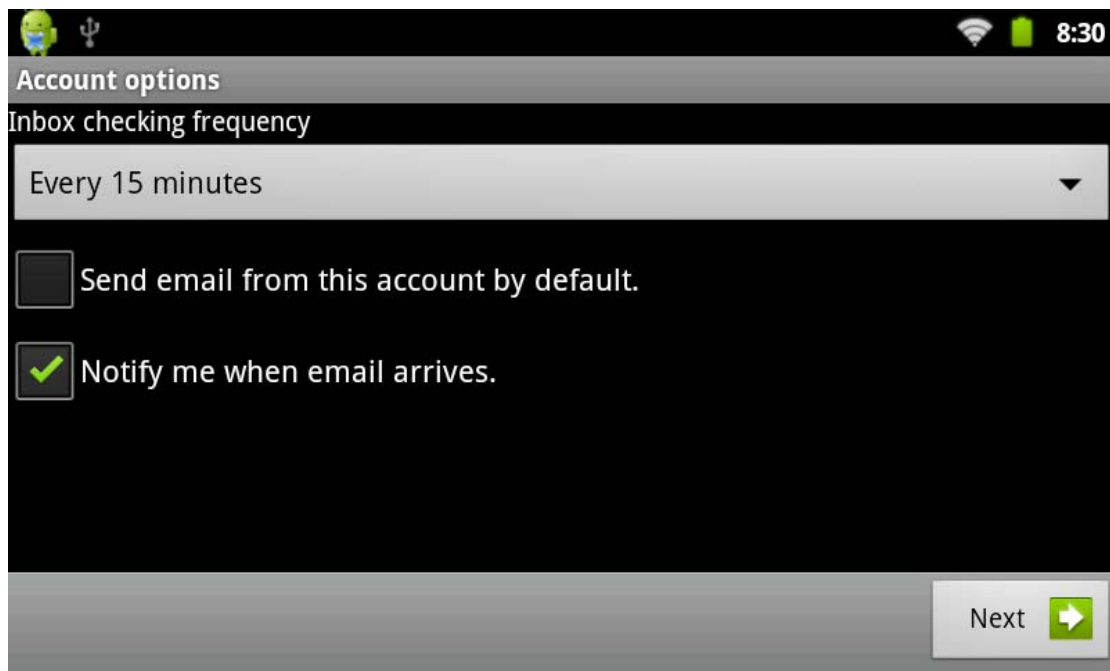
Click "Next" and enter account user-defined interface as below:
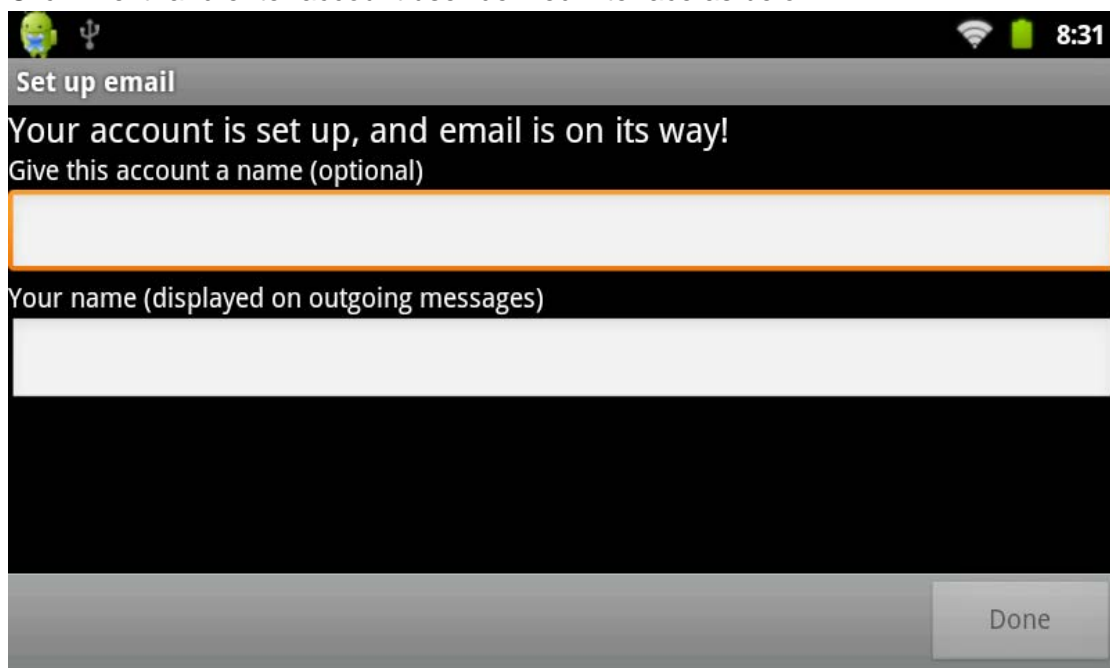


Input the name you want to show on the email address,click "Done" to enter email interface.It will load emails automatically and display list as below:
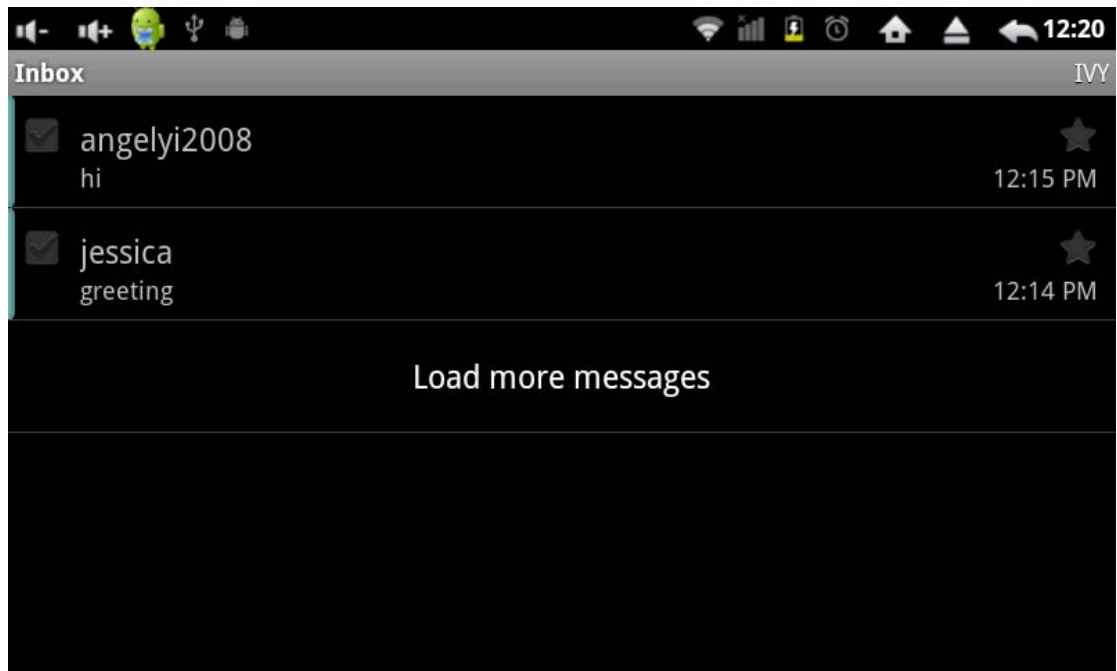
Select one email to reply or delete or open inclosure ect.operation as below:
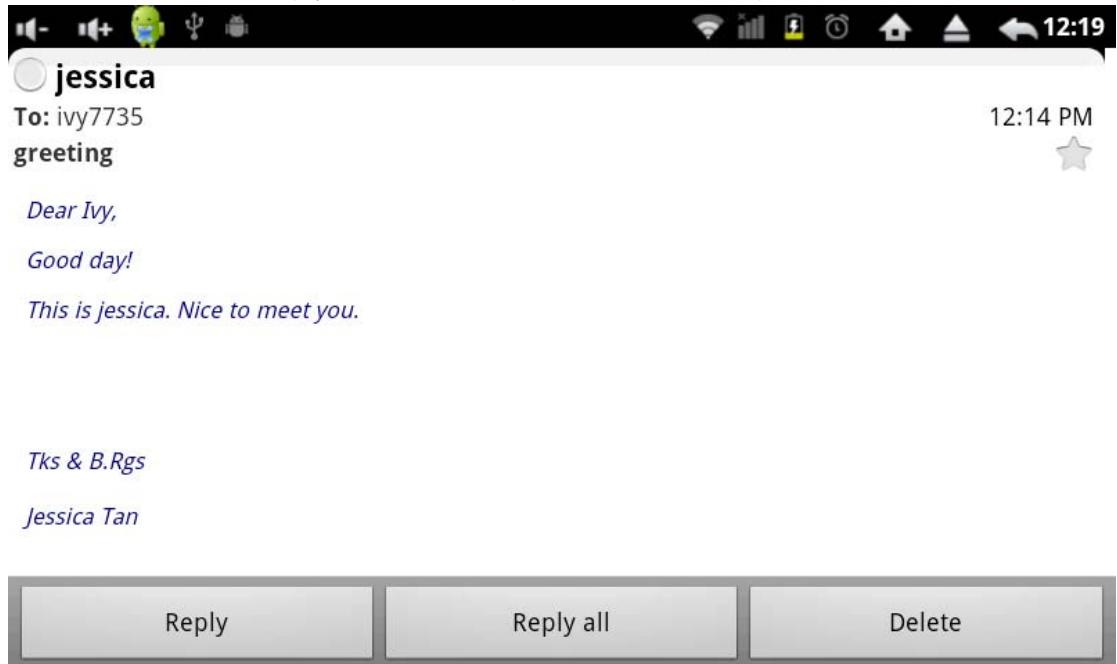


Click Menu button or "  " will show as below:
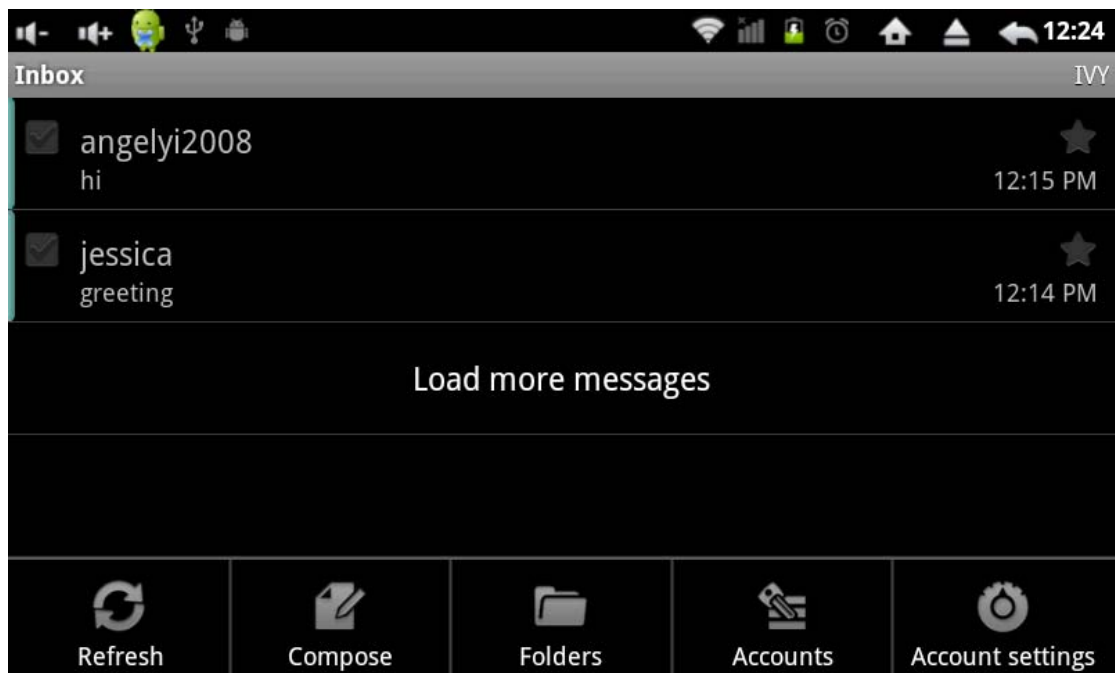
Click "Refresh"to check new emails.

Click "Compose"to write email to new email address.

Click"Folders"to check Inbox,Drafts,Outbox,Sent,Trash ect.information.

Click"Account settings" to check mailbox information.

Click "Accounts" will show as below:
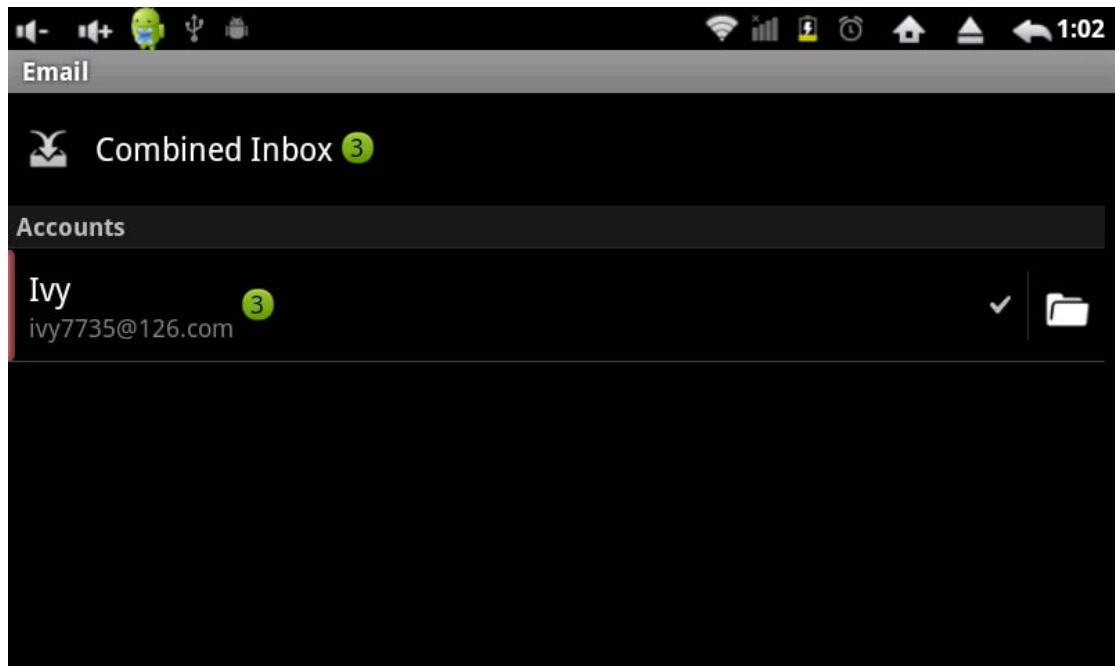


To exit mailbox,short press the mailbox will show as below:
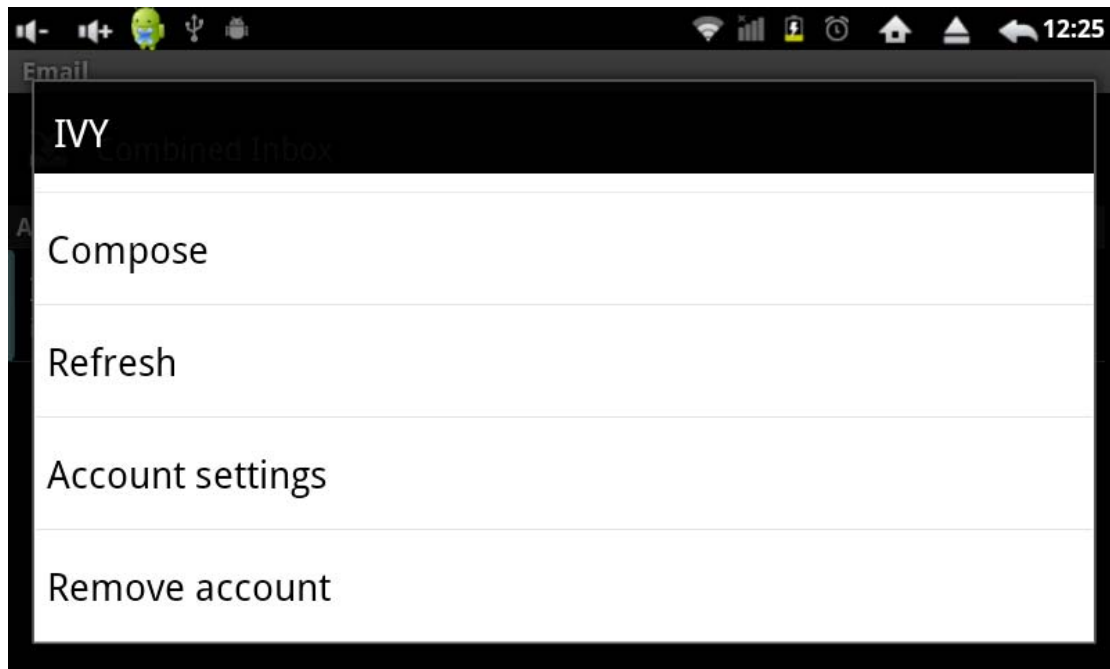
**Click "Remove account"and then click "ok",system will exit email automatically.**

**To add new mailbox,click Menu button or "" will show as below:**
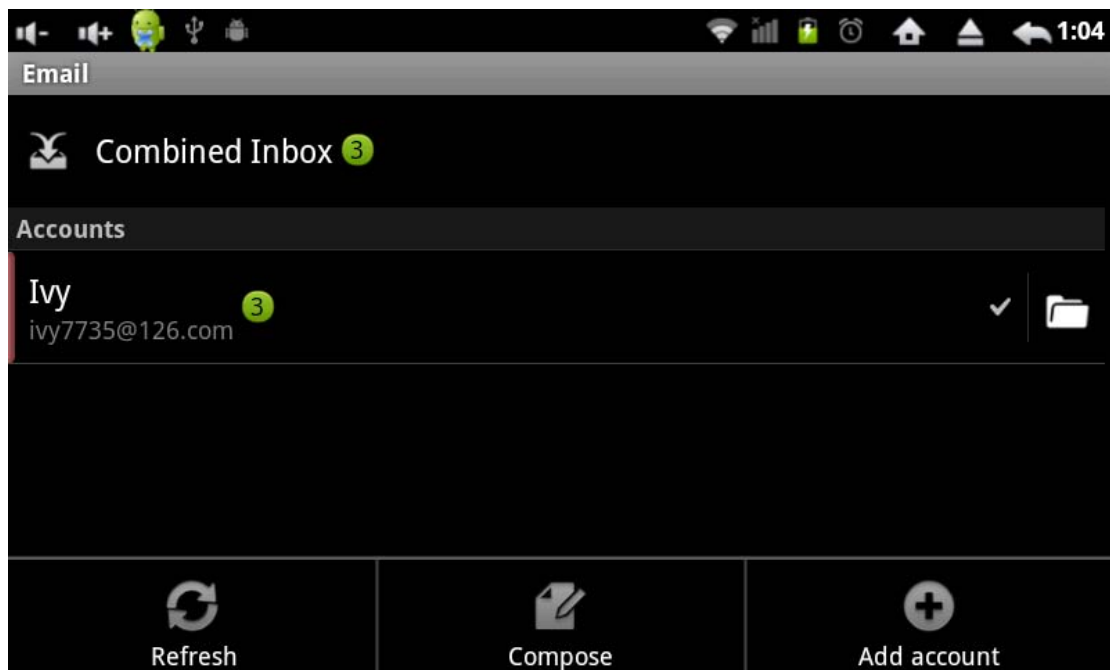


**Click "Add account" to creat new mailbox.**

# 20.External devices

## 20.1 USB connection

Connect device to PC via USB, the default connection method is the synchronous mode.Drag the top status bar and pull-down,an interface come out as below:
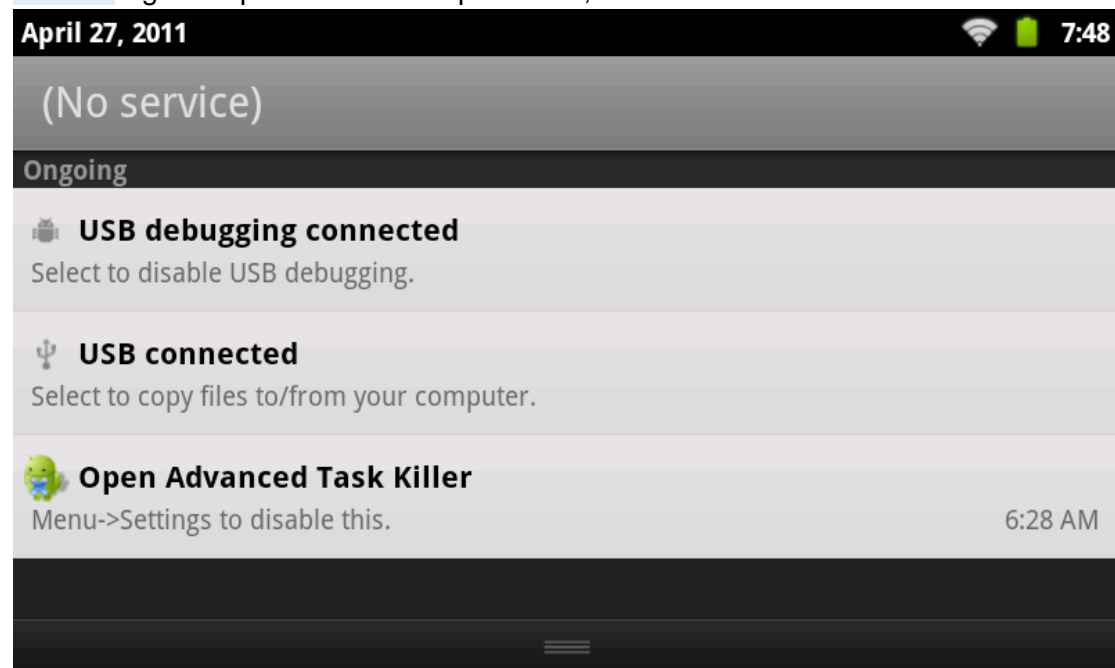


"USB connected ":means intenal memory
Click "USB connected" to enter "USB Mass storage",click "Turn on USB storage" and "OK" to enter device disk on PC. Load files to the disk you want , when finished loading, click "turn off USB storage " and check files in /nand folder of ES Explorer.

### 20.2 OTG
Support FAT32 format mobile devices: such as U disk. Removable disk.
Plug and Play connection method:
Connect device USB OTG port and external device by OTG cable.

### 20.3 Keyboard Mouse
Support   plug and play USB mouse, keyboard equipment

## 21. TF Card and USB Disk Setting

Insert T-Flash card or USB Disk,unit will scan automatically. Don't open tfcard or USB folder before finishing scanning,or device will remind data wrong and can't recognize the contents. When the taskbar stop scanning means finishing scanning.

Click "ES File Explorer" to enter local disk /sd card/ interface as below:
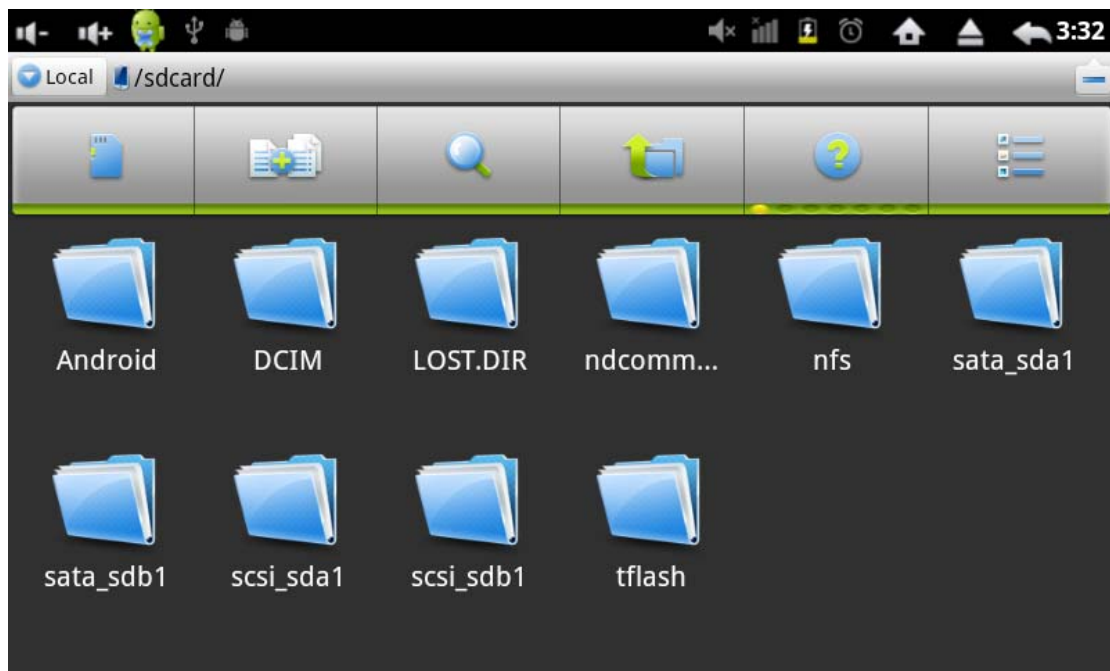
**Click "tflash" folder to enter T-Flash card as below:**
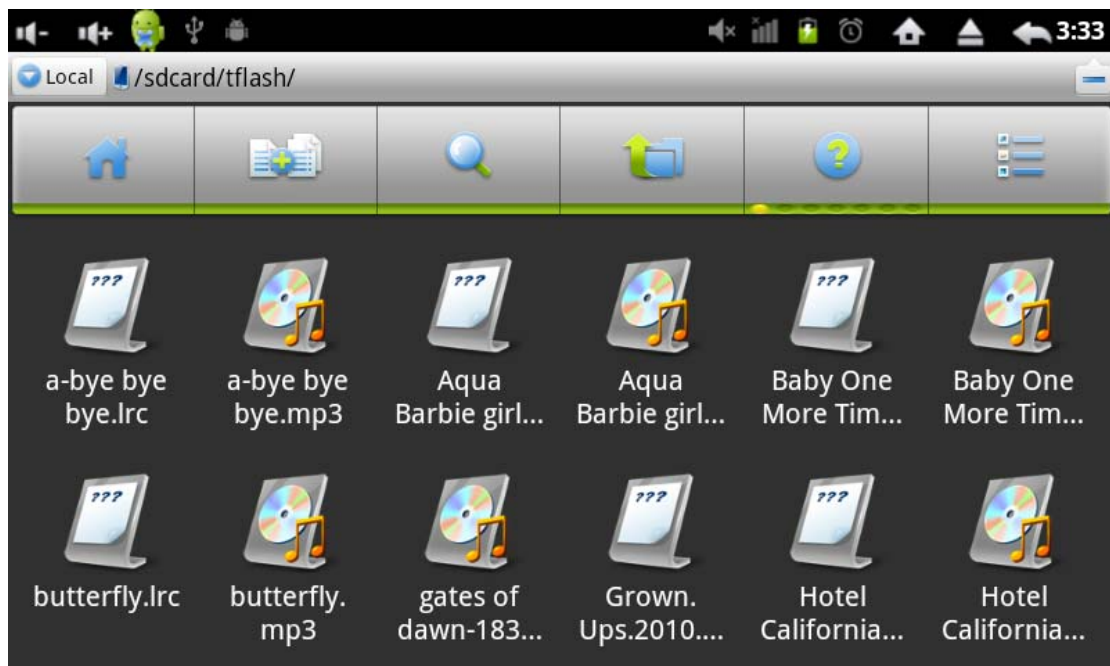


**Short press the file to open it, long press the file will show an interface as below:**
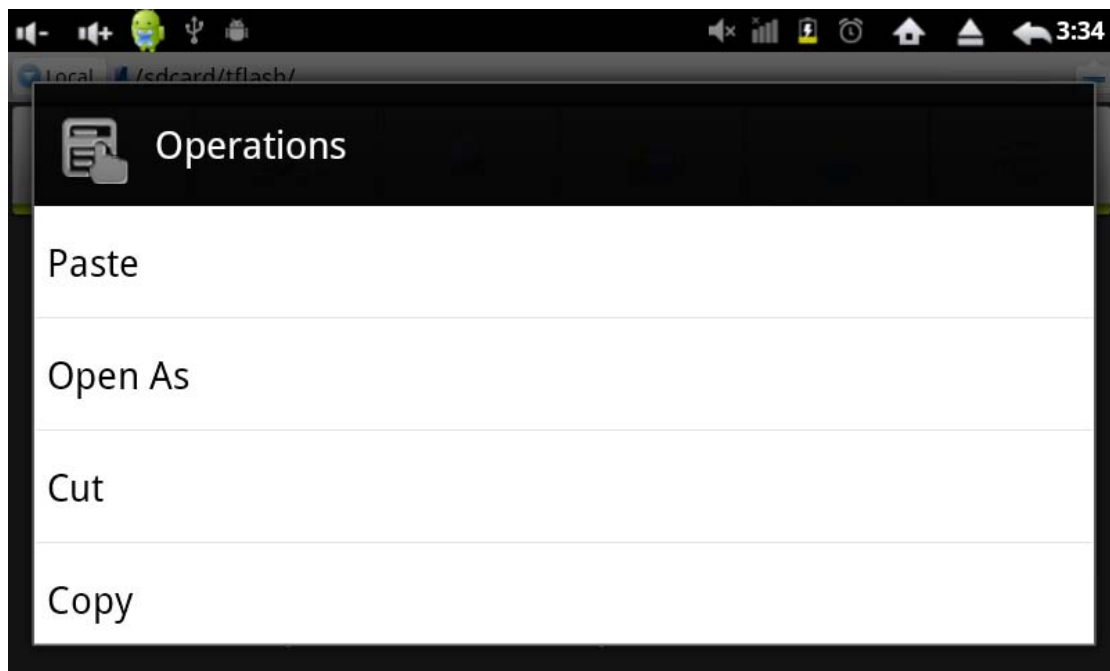
**Select the operation you want. For example, move the file from TF card to local disk/sd card/:**

**Click "Cut" or "Copy", back to /sd card/ interface as below:**
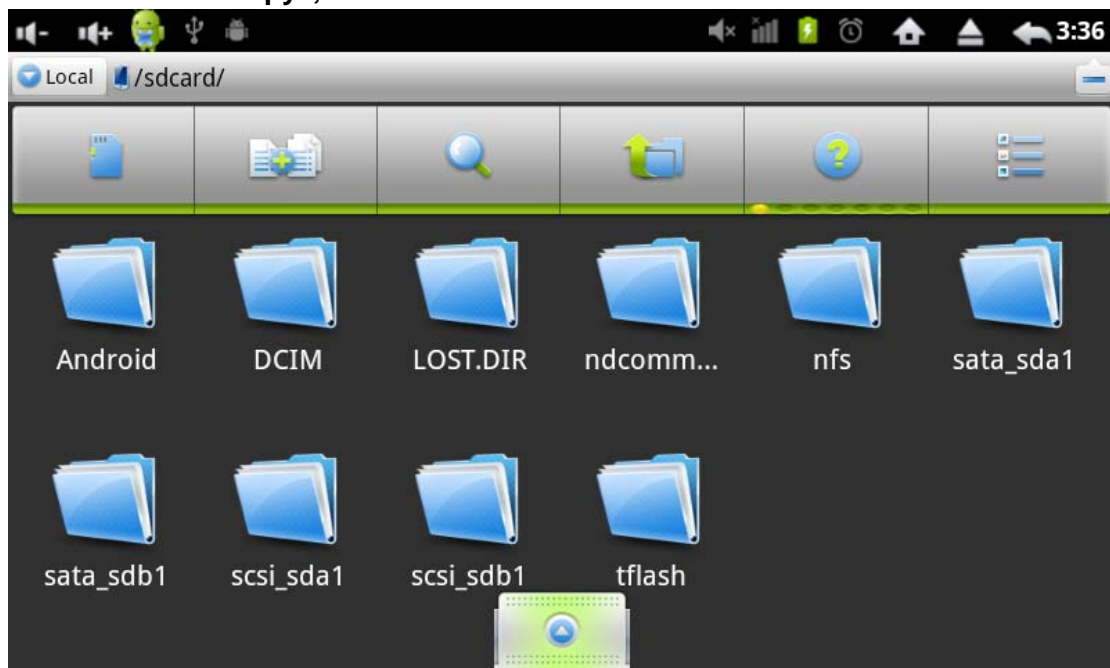


**Click**  **to see the "Cut" or "Copy' files, long press one file and will show as below:**
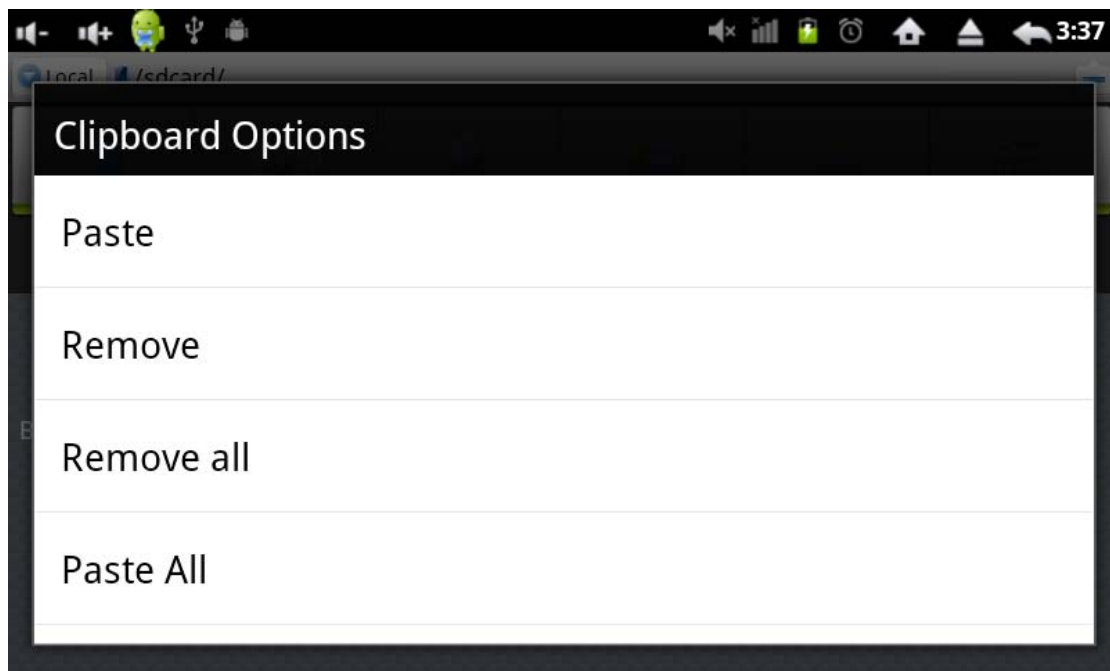
**Select "Paste All" and the files will move to /sd card/ automatically. If want to delete the files, long press the file and click "delete".**

**If want to delete the files, long press the file and click "delete".**

**When device connect USB disk by OTG cable, the taskbar will show TF card icon as below:**
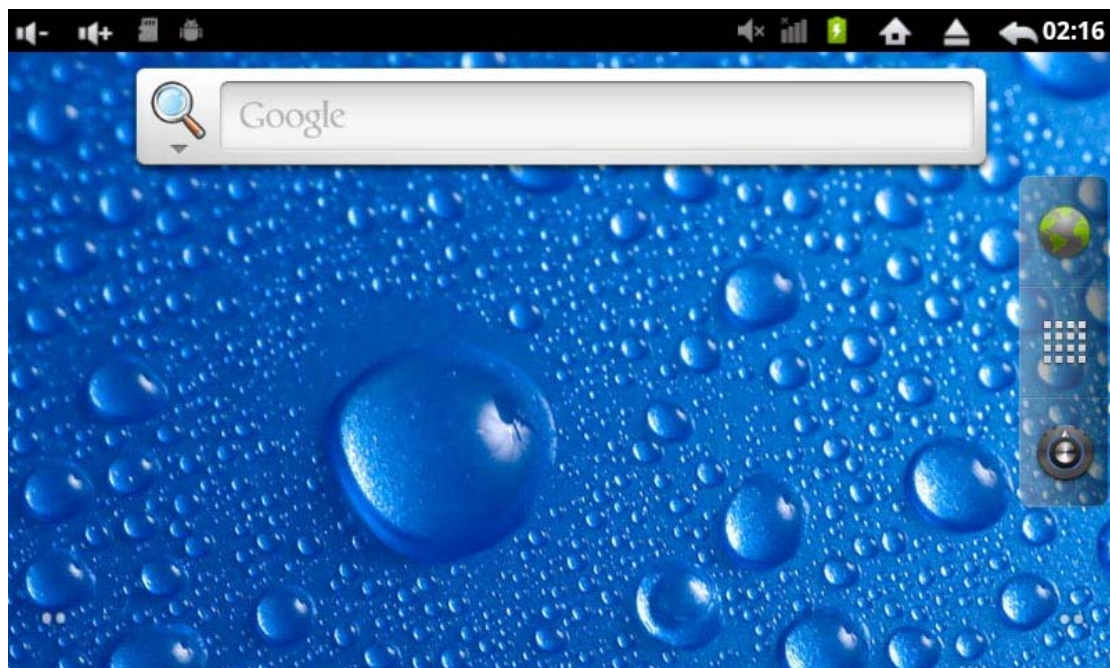


**Device default "scsi_sda1" as USB disk folder. If move files from USB disk to device or TF card, the operation is same as tfcard to sdcard.**

## 22.Firmware Upgrade

Android upgrade process will format the internal flash memory, if necessary, back up your data in advance.

**Android device upgrade require special PC upgrade tool. If End-user want to upgrade device, please contact local wholesaler or company service or download driver, upgrade tool and software from the supplier's website.**

Download driver and install: After decompress the drive file"vtcdrv.rar",appear the two files as follow:

VTC Drvier Uninstaller v4.01 for 2000_XP.EXE
VTC Driver Installer v4.01 for 2000_XP.EXE
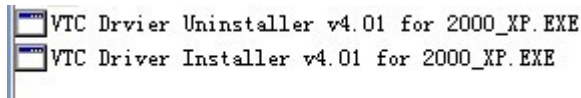
double-click"VTC Driver Installer 4.1 for 2000_XP.EXE" driver file.

Upgrade file include: lk.rom and tcc8900_mtd.img.
Upgrade process is as follows: (in order to upgrade the Windows XP example)
1: Download and unzip upgrade tool.
2: Download and extract the upgrade files.
3: In the PC side running the upgrade tool FWDN 【If prompted to install drivers, install the driver FWDN directory】. The upgrade files will be added to the FilePath lk.rom and tcc8900_mtd.img list, as below.
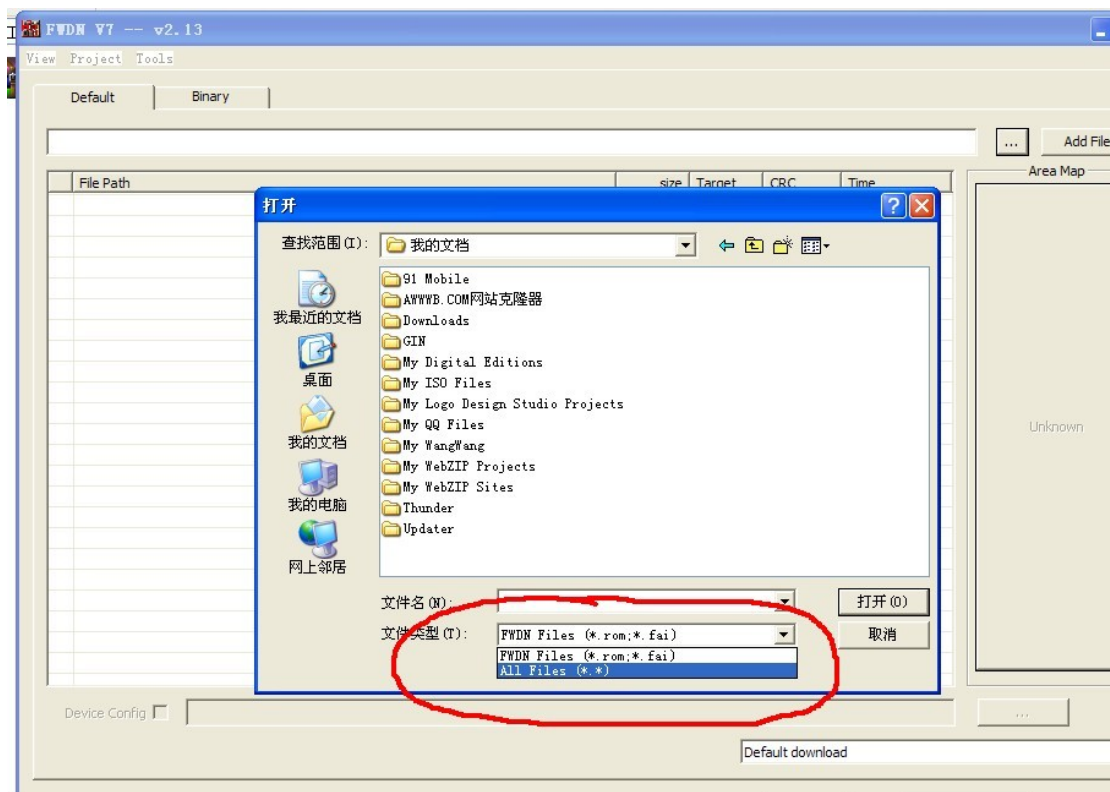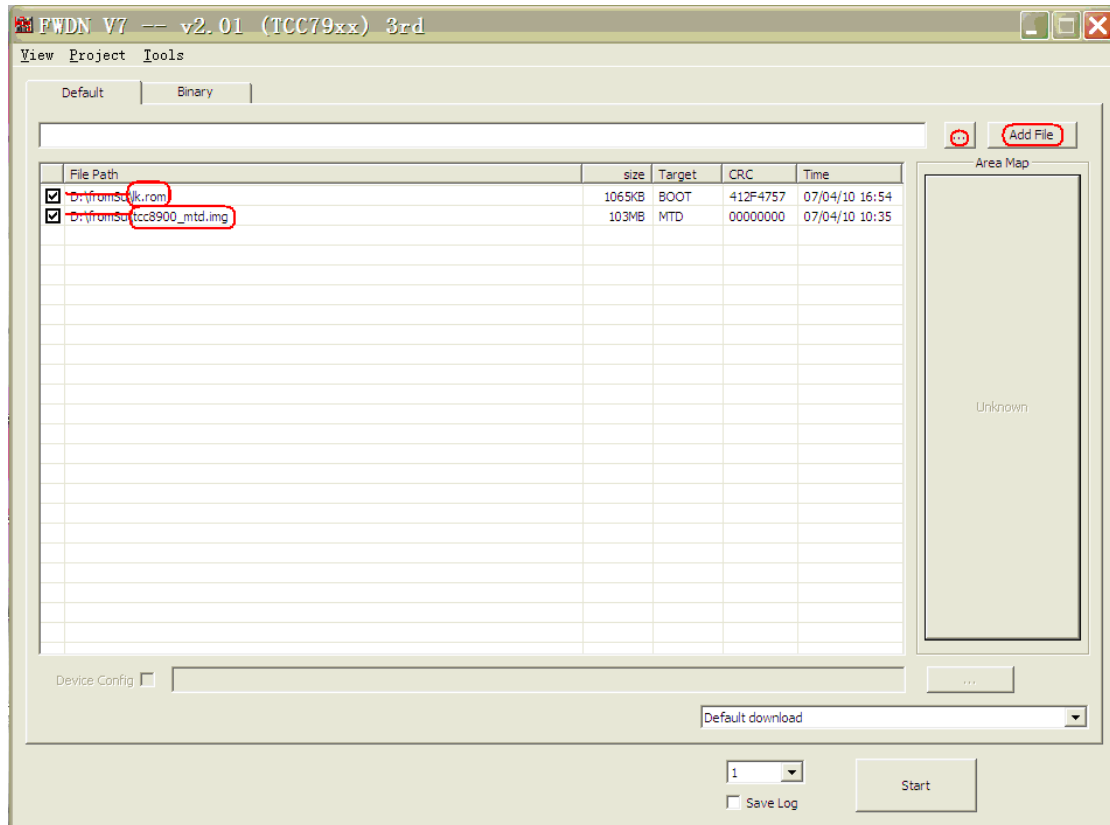
Press the "Home" button on device, connect device to PC by USB cable .At this point, PC-side FWDN program interface appears as follows:
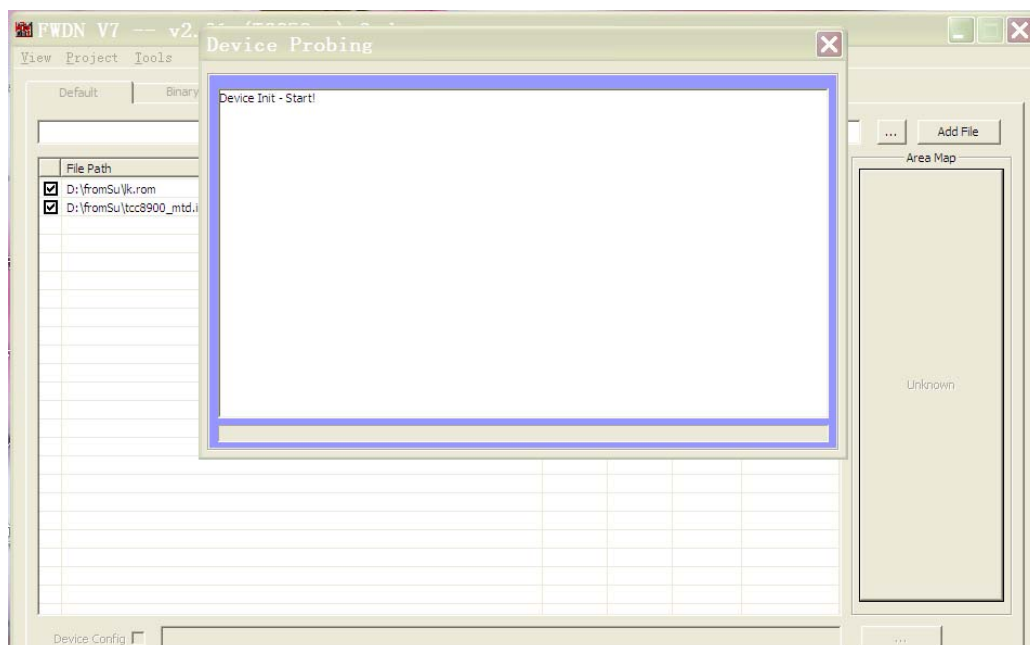


Initialization complete, loosen the "Home" key and click FWDN interface to the right of "Nand Data" area, interface as below:
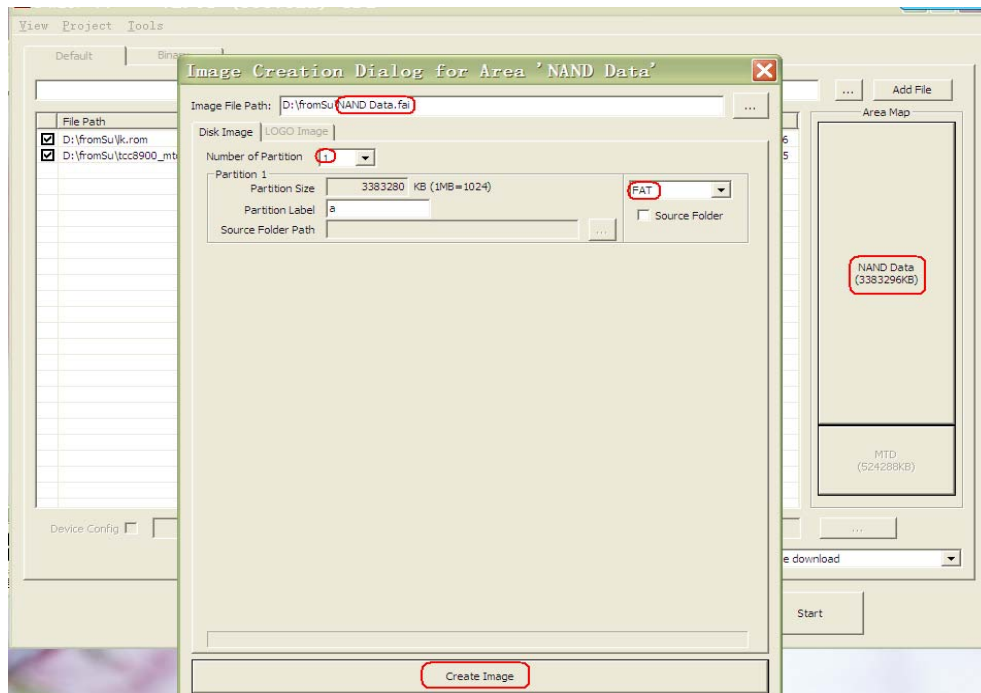
Please fill out the correct option according to the diagram of each:

ImageFilePath: Nand Data files store the resulting path can be chosen at random.

Number Of Partion : 1

Partion 1: Select FAT format

Partion Lable:a

When finish setting,click CreateImage button as below:
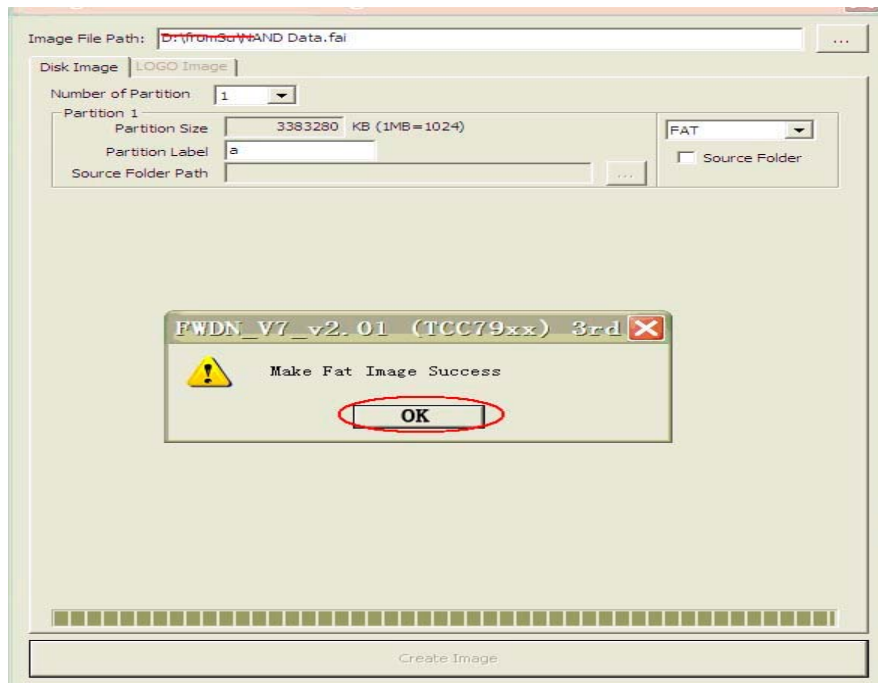


Click "OK" and interface come out as below:
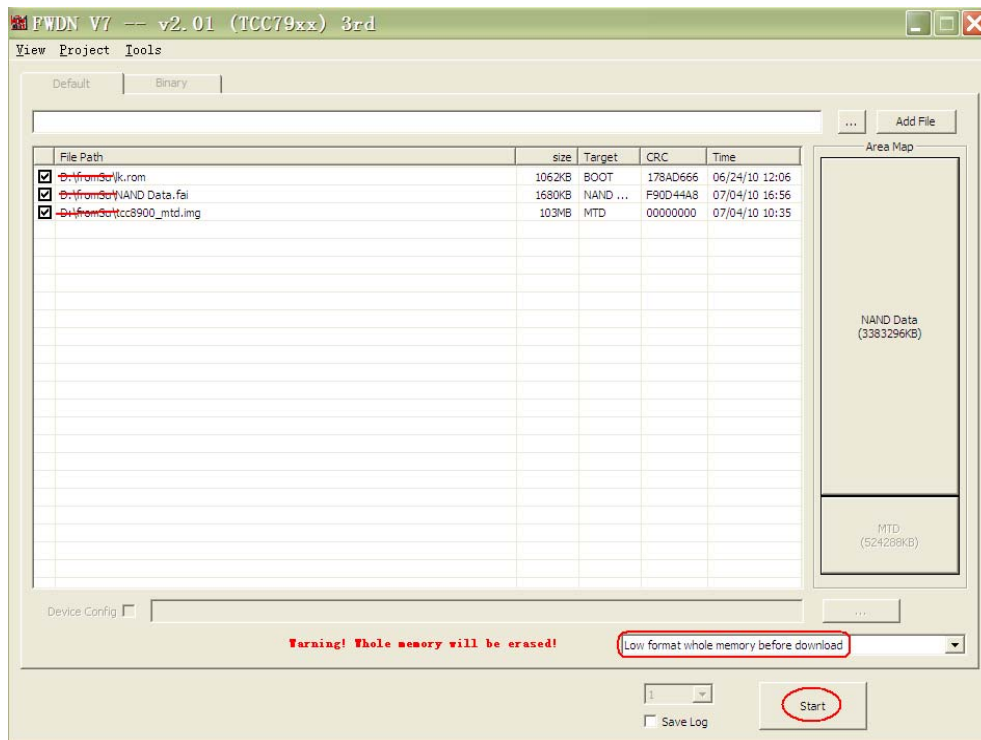
Please select "Low format whole memeory before download" and click "Start". System starting to upgrade.

The upgrade process similar to the following interface come out:
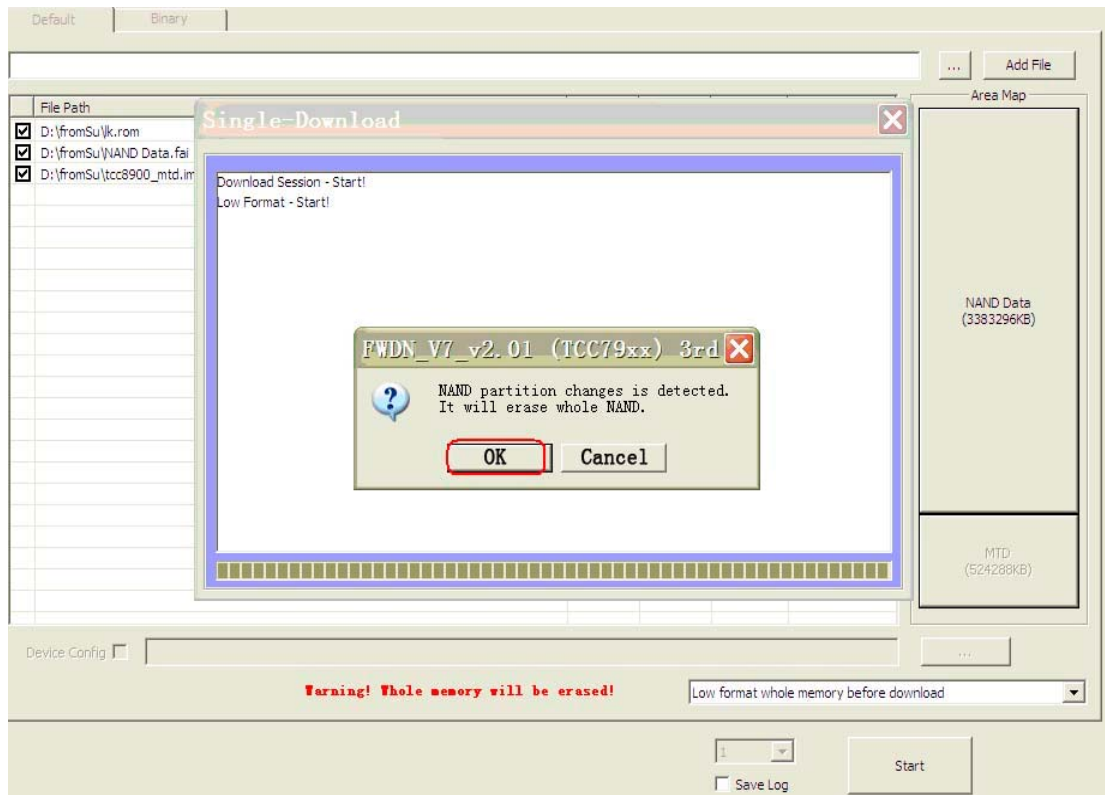


Click "OK" and continue to upgrade:
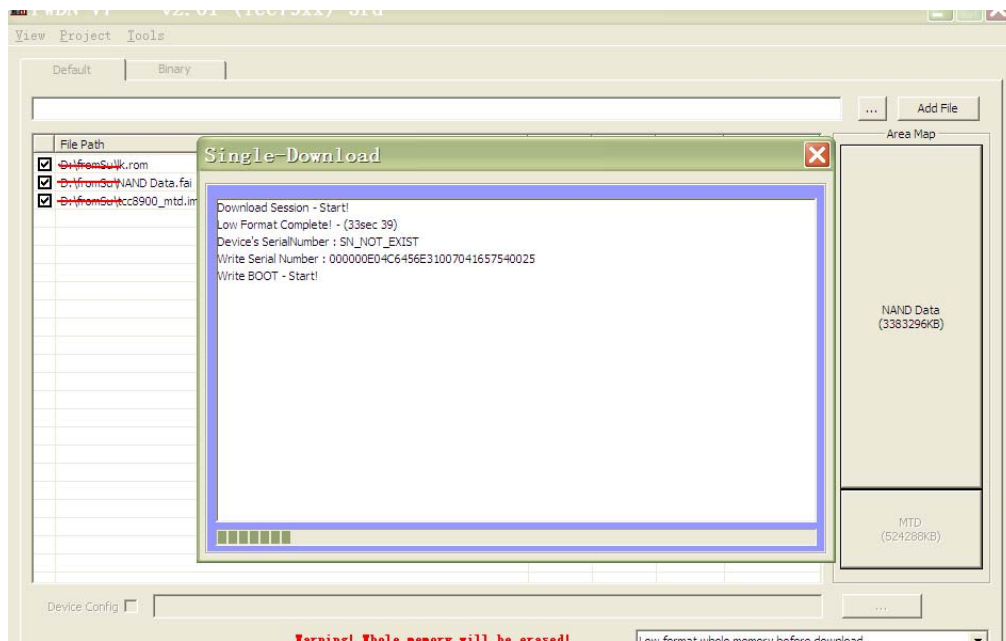
After finishing upgrade, the interface prompts as below:
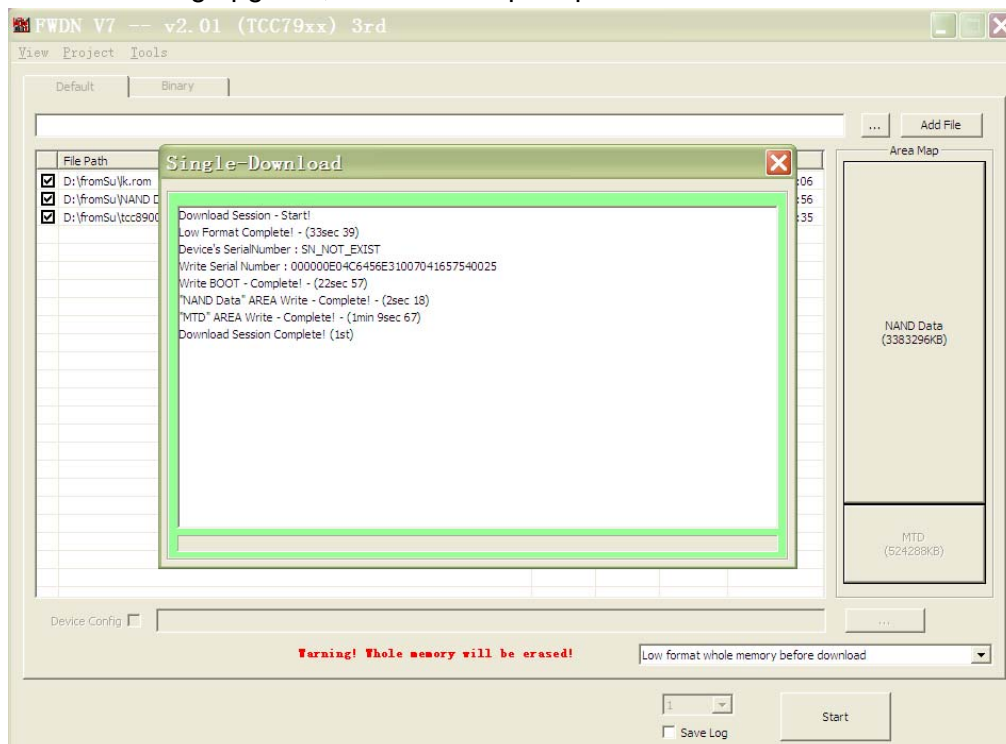


Draw out the USB cable,press and hole the "Power on/off" key for 6 seconds, device will be re-starting and upgrade complete.

Note: the first boot after the upgrade process is little slow, it's normal. The second boot will be faster.

## 22.1 Update by Micro SD card

1. Copy the download Update programs to Micro SD card,the file rename: update. zip.
2. Shutdown the device.
3. Firstly long press the Volume- button, meanwhile,long press the Power ON/OFF button without loosen until the screen appear below interface, loosen Volum- key.
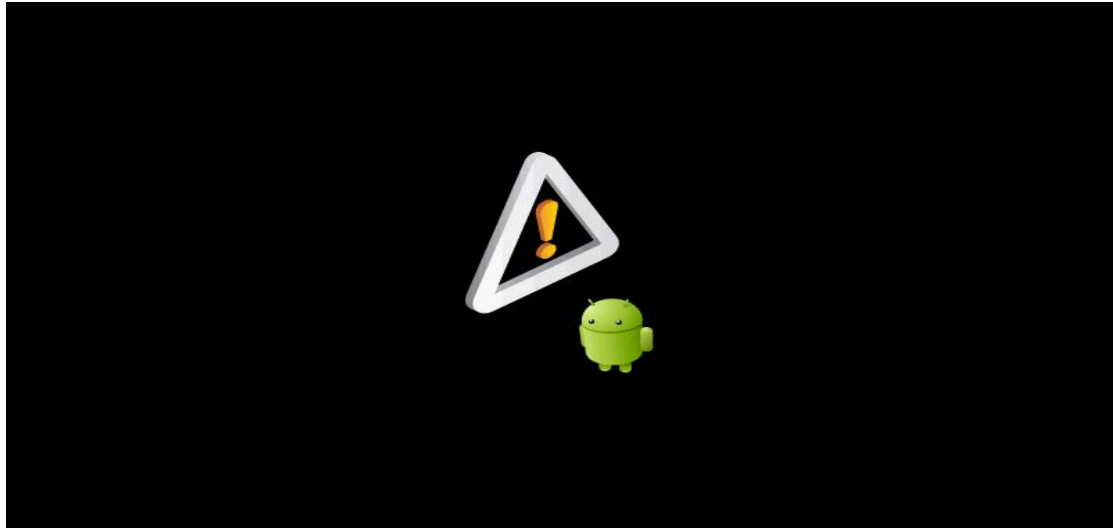


4.Short press Home button on front of device,will appear as below:
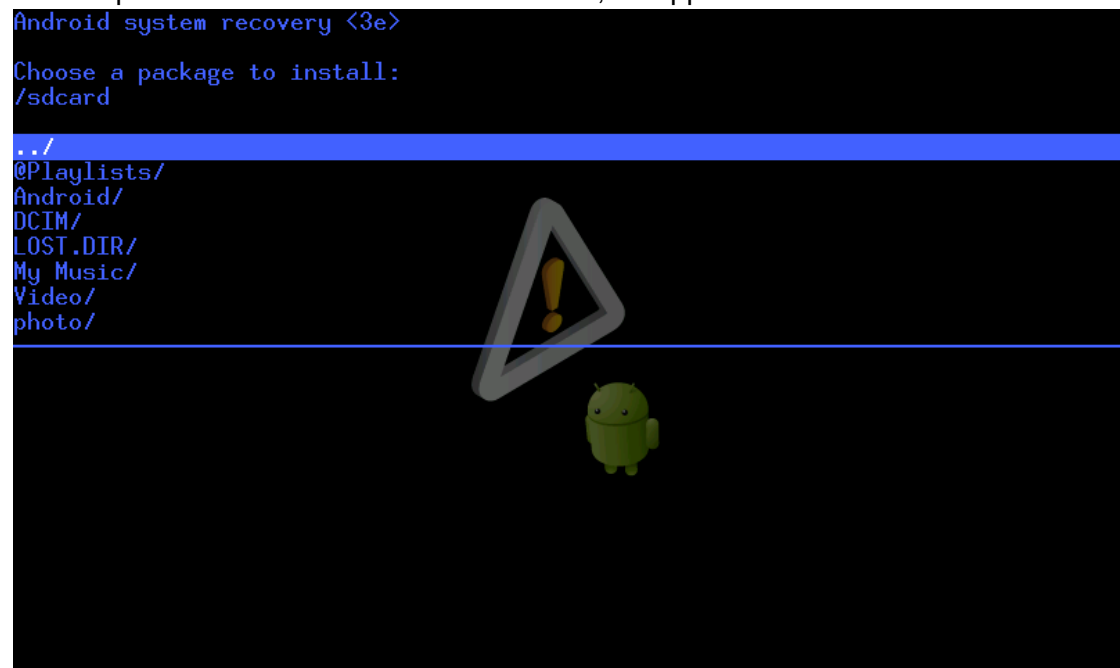


5.Short press Volum+ can select rotative,when select 2<sup>nd</sup> (apply sdcard：update.zip), short press the VOL- to confirm upgrade,system will upgrade automatically as below:

```
-- Install from sdcard...
Finding update package...
Opening update package...
Verifying update package...
```

6.Pls wait some minitues,system will enter below interface automatically:



```
Android system recovery <2e>

Android system recovery utility

reboot system now
apply sdcard:update.zip
wipe data/factory reset
wipe cache partition
```

```
-- Install from sdcard...
Finding update package...
Opening update package...
Verifying update package...
Installing update...

Install from sdcard complete.
```

Short press Volume+ and select 1$^{st}$ (reboot system now),short press Volume- to confirm,system will restart automatically.

The first boot after the upgrade process is relatively slow.

When finish restarting, the interface will appear as below:
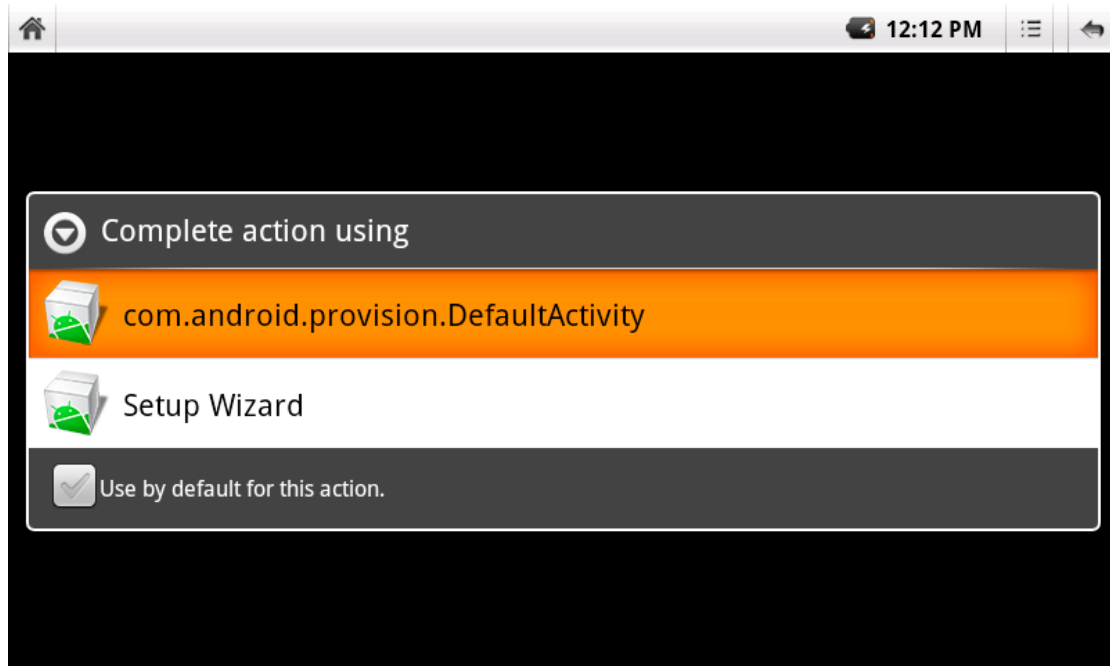
At this time, the screen touch is not working, Please be patience to wait 10 seconds. The system will automatically appear the following interface:
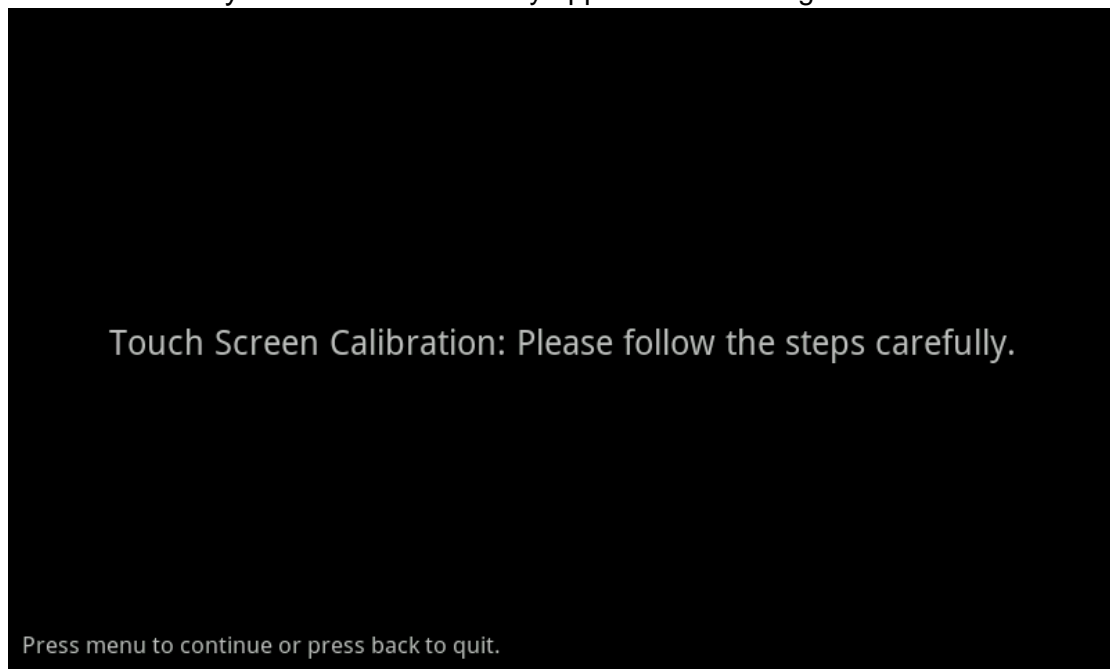


Press "MENU" button to go on touch screen calibration as below:

Please click the middle point of red round one by one until touch screen calibration complete.
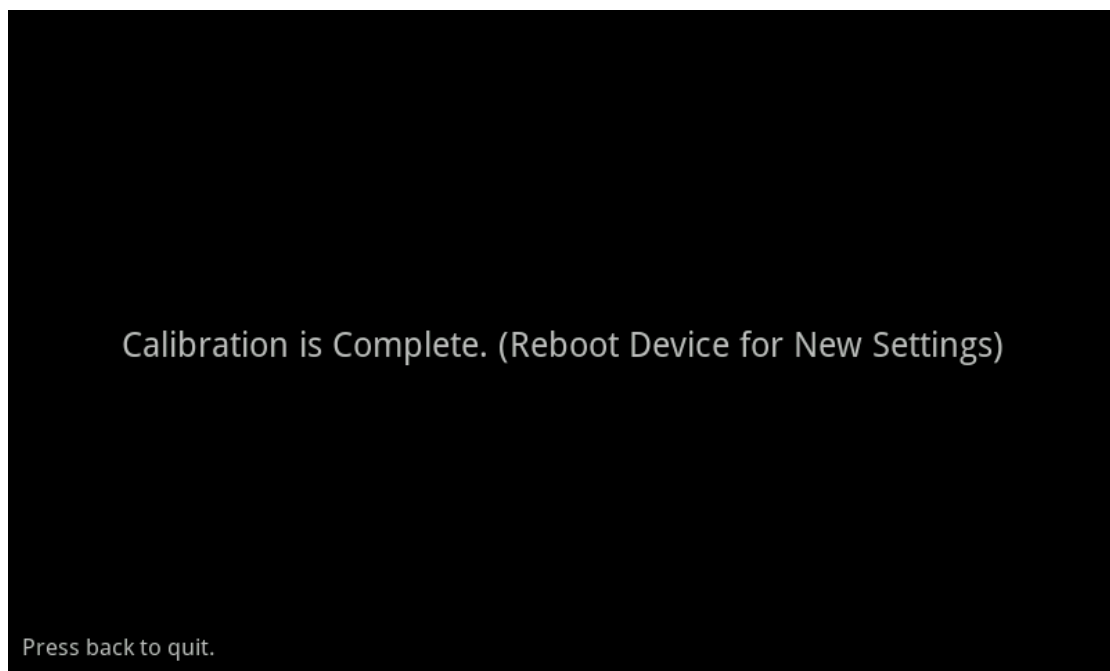


Press "Return" button to exit and restart device.

Note: the first boot after the upgrade process is relatively slow, it is normal. The second boot much faster.

## 23. Questions Treatment

1: What is Android?

A: Android is an open source operating system name basic on Linux which announced by Google on Nov.5,2007.

2: What is APK?

A: APK is short write of Android Package,it's Android package.

3: How to obtain APK?

A:Download and install online by PC or android market.

4: What's the operating system version of device?

A: Device verson is Android 2.3, built in hardware 3D acceleration and run most android apks.

5: Device if can charge via USB?

A: yes,the machine can be charged by connecting to PC via USB. But it's better to charge by Ac adapter 5V 2A.

## 24.Troule Shooting

| Problem | Potential   Reason | Solution |
|---------|--------------------|----------|
| Device   can't   open   screen | 1.  Battery low power <br> 2.  Device short <br> 3.  Battery broken or unit can't charge | 1.  Connect device to DC power and starting automatically. <br> 2.  Resent device <br> 3.  Change or repair the device by local service. |

| | | |
|---|---|---|
| Screen touch no function | 1. Touch calibration not accurate<br>2. Wrong operation on device<br>3. Touch screen broken | 1. Calibrate the touch screen for one or three time and retarting device.<br>2. Wipe data or reboot device to delete all user data(see bottom operation 1)<br>3. Change new Touch screen by local service. |
| Wifi No Function | 1. Device can't connect to wifi<br><br>2. Device connect to wifi but no function<br><br>3. Device can't scan wifi network | 1. Reset device and connect to available wifi again.<br>2. Check the MAC address and input the IP address (See bottom operation 2)<br>3. WIFI lax inside or broken,change or repair by local service. |
| MicroSD card not read | 1. Device didn't scan successful MicroSD card<br>2. Wrong data operation before device finishing scanning.<br>3. MicroSD card is inferior or short. | 1.Don't open "tflash" folder before finishing scanning.<br>2.Restart or reset device and insert MicroSD card to scan again.<br>3.Change better or format MicroSD card. |
| USB Disk not read | 1. Device didn't scan successful USB Disk<br>2. Wrong data operation before finishing scanning<br>3. USB Disk not work or shot<br>4. OTG cable broken | 1. Don't open "scsi_sda1" folder before finishing scanning.<br>2. Restart or rest device and connect USB disk by OTG cable again.<br>3. Change or format USB disk<br>4. Change new OTG cable |

| | | |
|---|---|---|
| Device power off or restarting automatically | 1. Wrong data operation<br><br>2. Device short | 1. Restart device or reset factory data .<br>2. If device power off or restarting again and again,repair by local service |
| Device can't play video | 1. Video file error<br><br>2. Device play video can hear voice but no picture | 1. Check the file format or change another file<br>2. Device should be default at "LCD" mode. |
| Device can't connect to TV by HDMI | 1.Device wrong defalt mode | 1.If only connect to TV by HDMI, device must be default at "HDMI"mode. |
| Device earphone output no sound | 1. Earphone broken<br>2. Device earphone jack broekn | 1. Change new earphone<br>2. Repair by local service |
| Device video recording weak | Device Mic short design | If only device audio recording no problem, it's ok. Not defective. |

## 1.Touch screen no function reboot:

Power off device. Press "Power" and "V-" button at the same time and will appear as below:
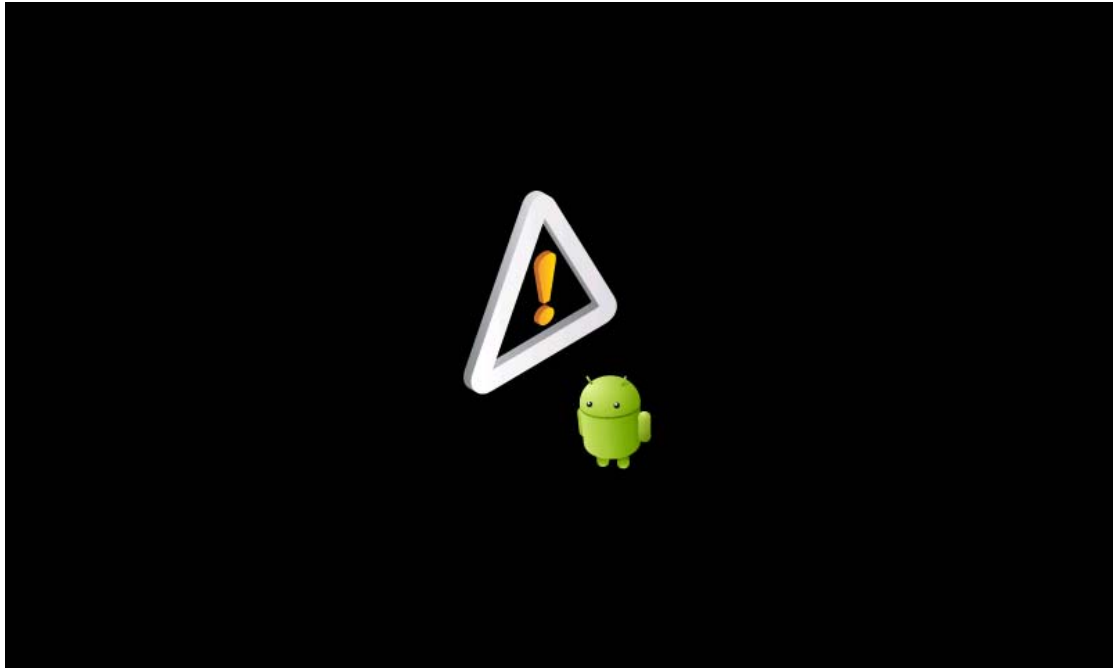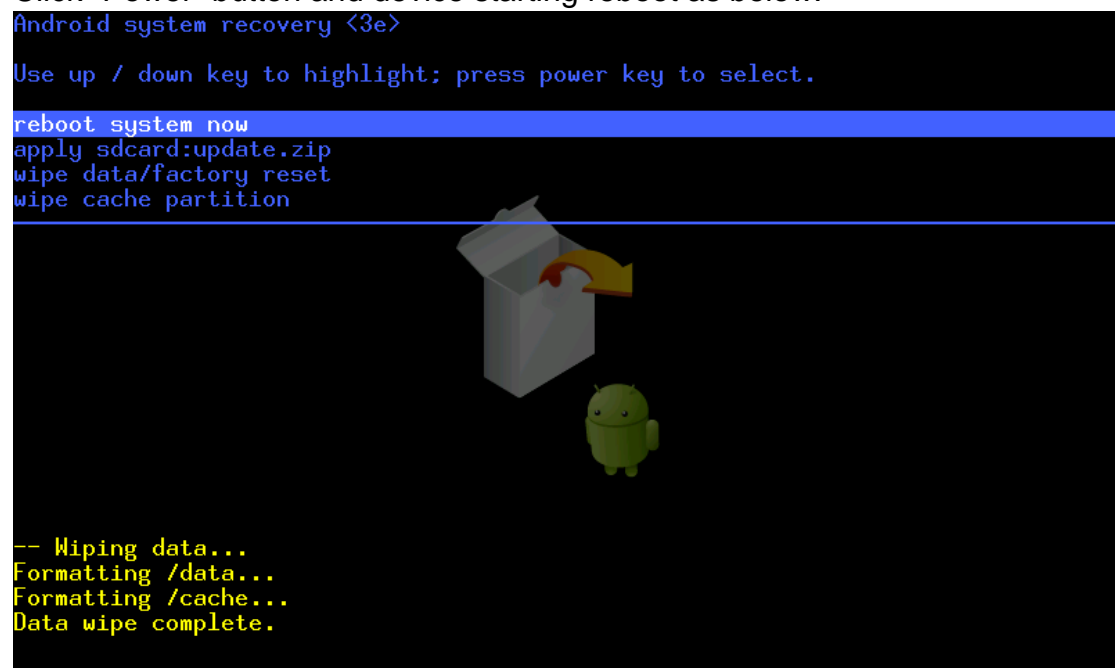
Press "Home" button and select "wipe data/factory rest" by press "V-" as below:
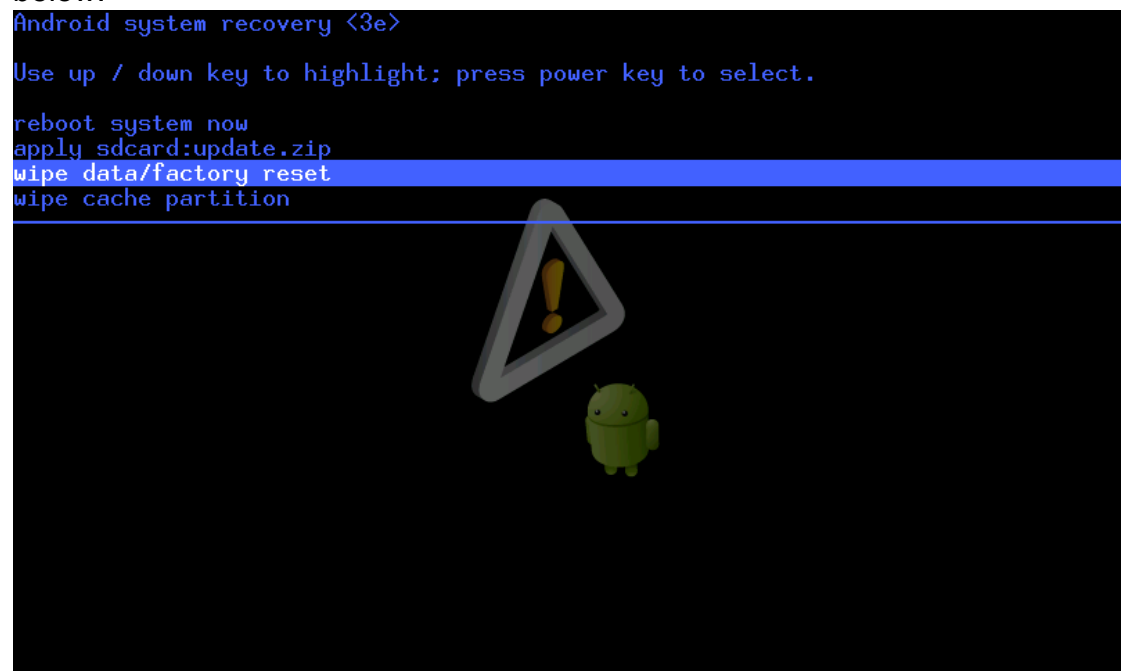


Click "Power" and Select "Yes—delete all user data" by "V-" button    will appear as below:
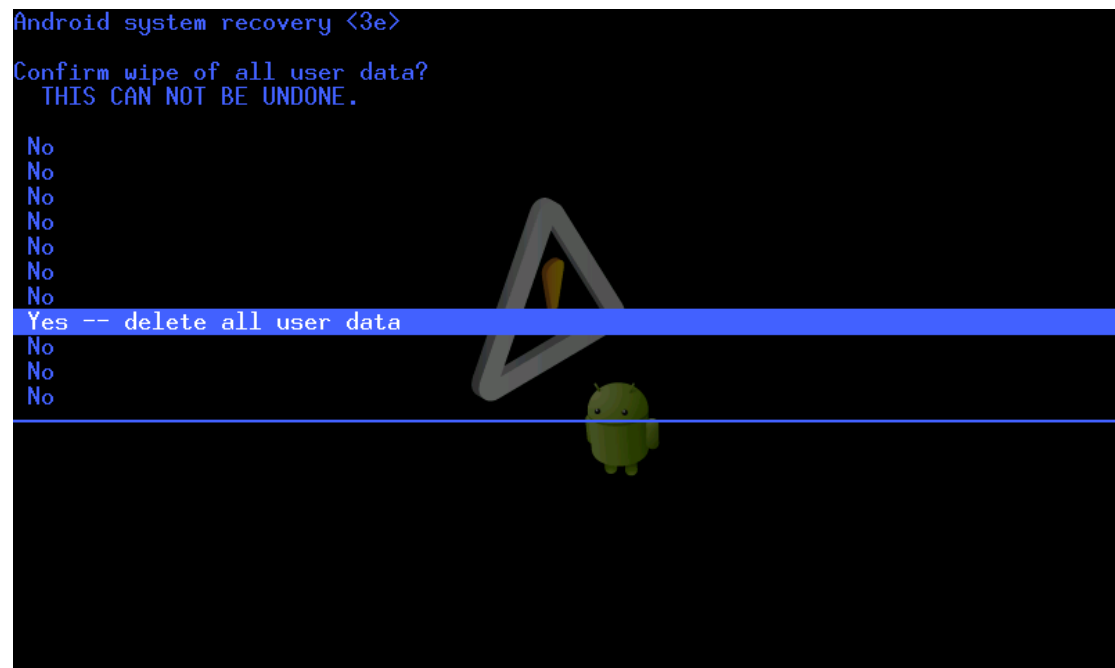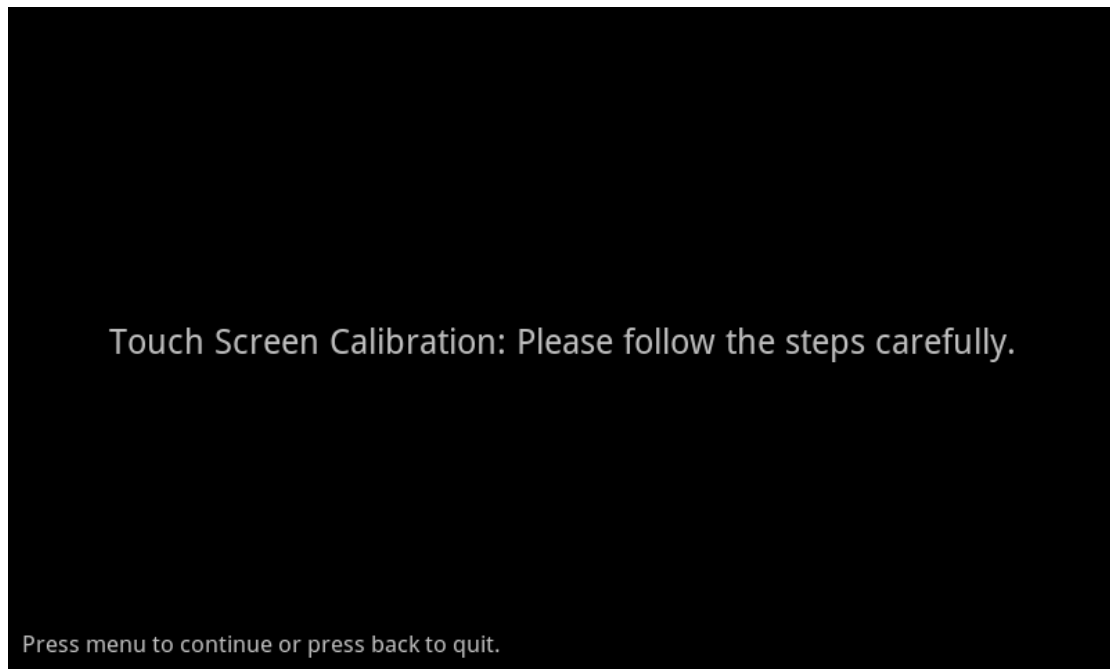
Click "Power" button and device starting reboot as below:



When device appear "Data wipe complete",click "Power" button and device will starting automatically.

NOTE: The first time starting device will be slow after rebooting. The second time will be fast.
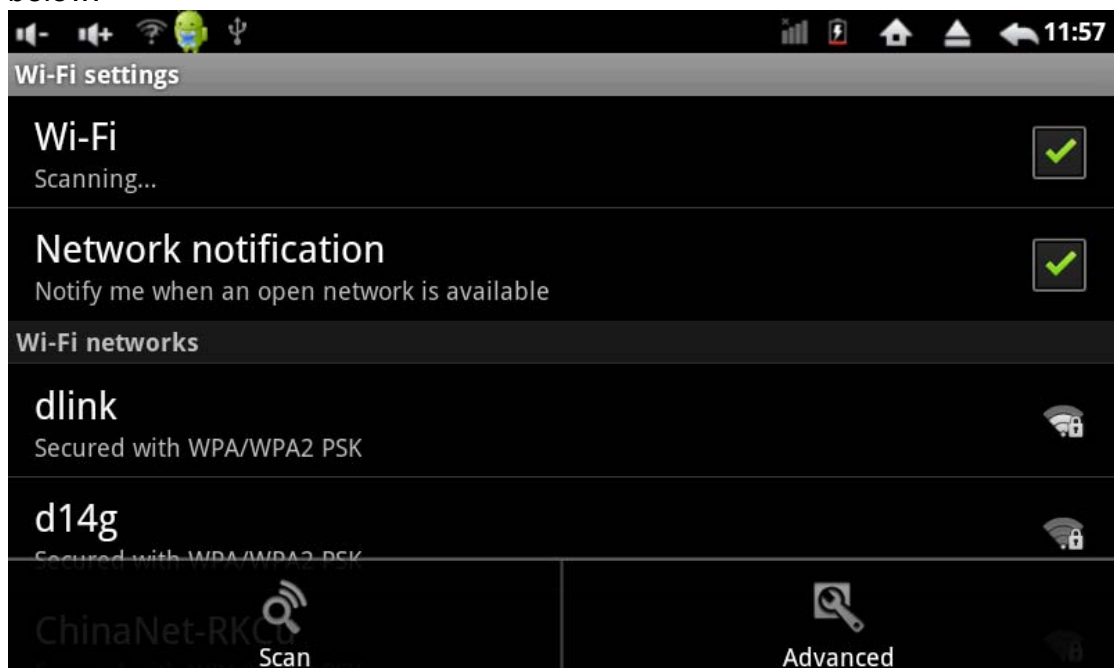
Before entering main menu,do not do any action until device appear touch calibration as below:
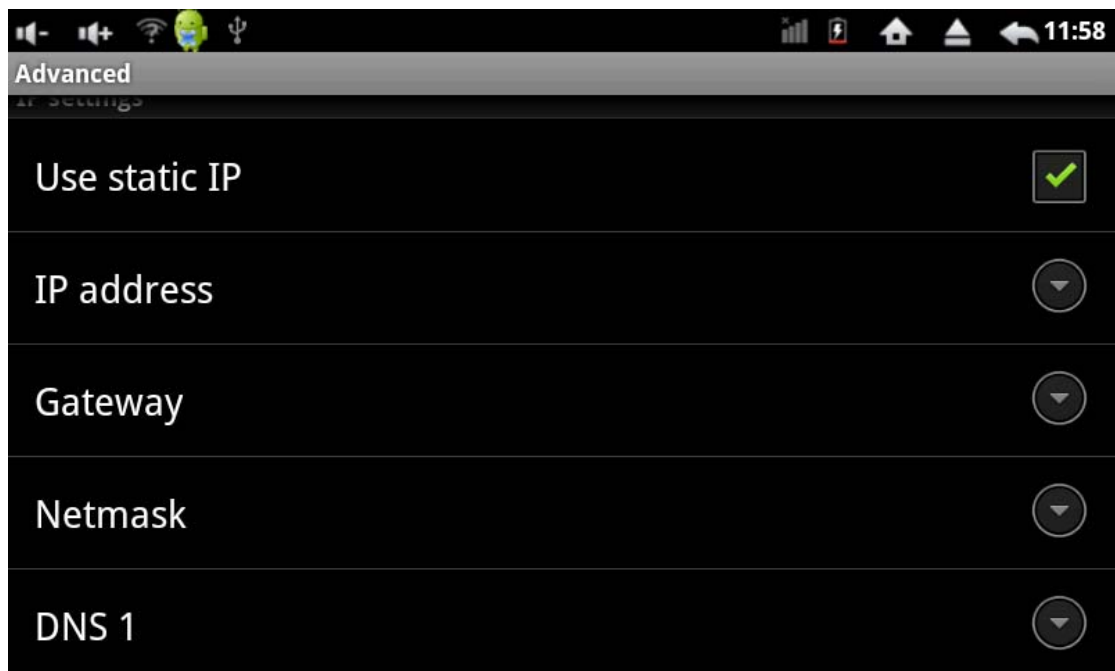
Touch Screen Calibration: Please follow the steps carefully.

Press menu to continue or press back to quit.

Press "Menu" button to enter calibration. Do calibrate accurate. After calibrating,restart the device and will come into effect.

## 2.Wifi IP address setting

When device connect to wifi but no function,please check mac address.Press "Menu" button on the wifi settings interface will appear as below:



Wi-Fi settings

**Wi-Fi**
Scanning...

**Network notification**
Notify me when an open network is available

Wi-Fi networks

**dlink**
Secured with WPA/WPA2 PSK

**d14g**
Secured with WPA/WPA2 PSK

ChinaNet-RK

Scan       Advanced

Click "Advanced" and click "Use static IP" will appear as below:

Input the correct "IP address"-"Gateway"-"DNS 1" and will work normal.

**Pictures for reference only, product appearance,function please refer to the real device, the product rules and design are subject to change without prior notice**